

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060547.D
 Acq On : 17 Mar 2020 11:39
 Operator : JC/MD
 Sample : VN0317WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Quant Time: Mar 18 06:41:34 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	201720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	329796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138871	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	129170	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
35) Dibromofluoromethane	7.56	113	98142	64.11	ug/l	0.00
Spiked Amount			Recovery	=	128.22%	
50) Toluene-d8	10.08	98	370905	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.40	95	139921	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	25890	13.999	ug/l	99
3) Chloromethane	2.04	50	48412	15.035	ug/l	99
4) Vinyl Chloride	2.16	62	40152	14.540	ug/l	99
5) Bromomethane	2.54	94	18806	15.248	ug/l	98
6) Chloroethane	2.68	64	24420	16.321	ug/l	98
7) Trichlorofluoromethane	3.00	101	56417	15.990	ug/l	100
8) Diethyl Ether	3.38	74	24891	18.685	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	34620	17.338	ug/l	100
10) Methyl Iodide	3.93	142	25641	14.070	ug/l	98
11) Tert butyl alcohol	4.72	59	38900	101.223	ug/l	100
12) 1,1-Dichloroethene	3.71	96	33391	17.179	ug/l	100
13) Acrolein	3.58	56	30769	85.823	ug/l	100
14) Allyl chloride	4.29	41	62937	17.613	ug/l	98
15) Acrylonitrile	4.94	53	106804	105.440	ug/l	98
16) Acetone	3.78	43	91798	109.836	ug/l	97
17) Carbon Disulfide	4.03	76	78304	14.729	ug/l	100
18) Methyl Acetate	4.29	43	58236	20.880	ug/l	95
19) Methyl tert-butyl Ether	5.00	73	135422	19.246	ug/l	97
20) Methylene Chloride	4.52	84	40463	17.629	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	35844	16.933	ug/l	98
22) Diisopropyl ether	5.91	45	147588	20.391	ug/l	98
23) Vinyl Acetate	5.86	43	575844	100.122	ug/l	98
24) 1,1-Dichloroethane	5.81	63	77143	18.829	ug/l	100
25) 2-Butanone	6.80	43	142870	105.832	ug/l	98
26) 2,2-Dichloropropane	6.80	77	67333	18.052	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	45973	17.273	ug/l	98
28) Bromochloromethane	7.17	49	33338	19.818	ug/l	93
29) Tetrahydrofuran	7.18	42	95197	101.409	ug/l	97
30) Chloroform	7.34	83	76112	18.661	ug/l	99
31) Cyclohexane	7.63	56	64589	17.605	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	63426	17.552	ug/l	100
36) 1,1-Dichloropropene	7.77	75	53574	17.045	ug/l	98
37) Ethyl Acetate	6.89	43	60347	20.277	ug/l	99
38) Carbon Tetrachloride	7.75	117	49006	16.014	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59111	15.951	ug/l	96
40) Benzene	8.02	78	164335	17.964	ug/l	100
41) Methacrylonitrile	7.18	41	87360	63.572	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	61256	18.556	ug/l	99
43) Isopropyl Acetate	8.14	43	105417	20.233	ug/l	99
44) Trichloroethene	8.81	130	42709	16.763	ug/l	97
45) 1,2-Dichloropropane	9.10	63	47808	19.988	ug/l	100
46) Dibromomethane	9.19	93	28599	18.427	ug/l	97
47) Bromodichloromethane	9.38	83	59868	18.967	ug/l	99
48) Methyl methacrylate	9.18	41	44904	18.899	ug/l	96
49) 1,4-Dioxane	9.18	88	12627	377.917	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	303861	102.860	ug/l	100
52) Toluene	10.14	92	100404	17.472	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	70324	18.182	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	73965	18.455	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	42528	18.403	ug/l	98
56) Ethyl methacrylate	10.42	69	63005	18.977	ug/l	96
57) 1,3-Dichloropropane	10.70	76	72425	19.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	161162	92.814	ug/l	98
59) 2-Hexanone	10.74	43	213851	98.595	ug/l	99
60) Dibromochloromethane	10.89	129	43694	18.592	ug/l	99
61) 1,2-Dibromoethane	10.99	107	40822	18.121	ug/l	100
64) Tetrachloroethene	10.62	164	41581	16.704	ug/l	99
65) Chlorobenzene	11.43	112	106229	17.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40722	18.224	ug/l	98
67) Ethyl Benzene	11.50	91	192159	17.460	ug/l	100
68) m/p-Xylenes	11.61	106	142950	34.427	ug/l	100
69) o-Xylene	11.94	106	70246	17.741	ug/l	99
70) Styrene	11.96	104	112621	17.300	ug/l	100
71) Bromoform	12.12	173	30422	18.891	ug/l #	97
73) Isopropylbenzene	12.24	105	187652	18.231	ug/l	100
74) N-amyl acetate	12.06	43	85243	18.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59188	21.155	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	80668	26.476	ug/l #	100
77) Bromobenzene	12.52	156	45471	18.022	ug/l	95
78) n-propylbenzene	12.59	91	218109	18.077	ug/l	99
79) 2-Chlorotoluene	12.67	91	130087	18.342	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	156861	18.100	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21297	19.295	ug/l #	86
82) 4-Chlorotoluene	12.77	91	132938	17.791	ug/l	98
83) tert-Butylbenzene	12.99	119	132358	17.640	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	155900	17.823	ug/l	100
85) sec-Butylbenzene	13.17	105	179471	17.862	ug/l	99
86) p-Isopropyltoluene	13.28	119	160166	17.223	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	79434	18.201	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	79972	18.333	ug/l	98
89) n-Butylbenzene	13.61	91	144291	16.902	ug/l	99
90) Hexachloroethane	13.87	117	22581	16.775	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	77885	17.617	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11739	18.528	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

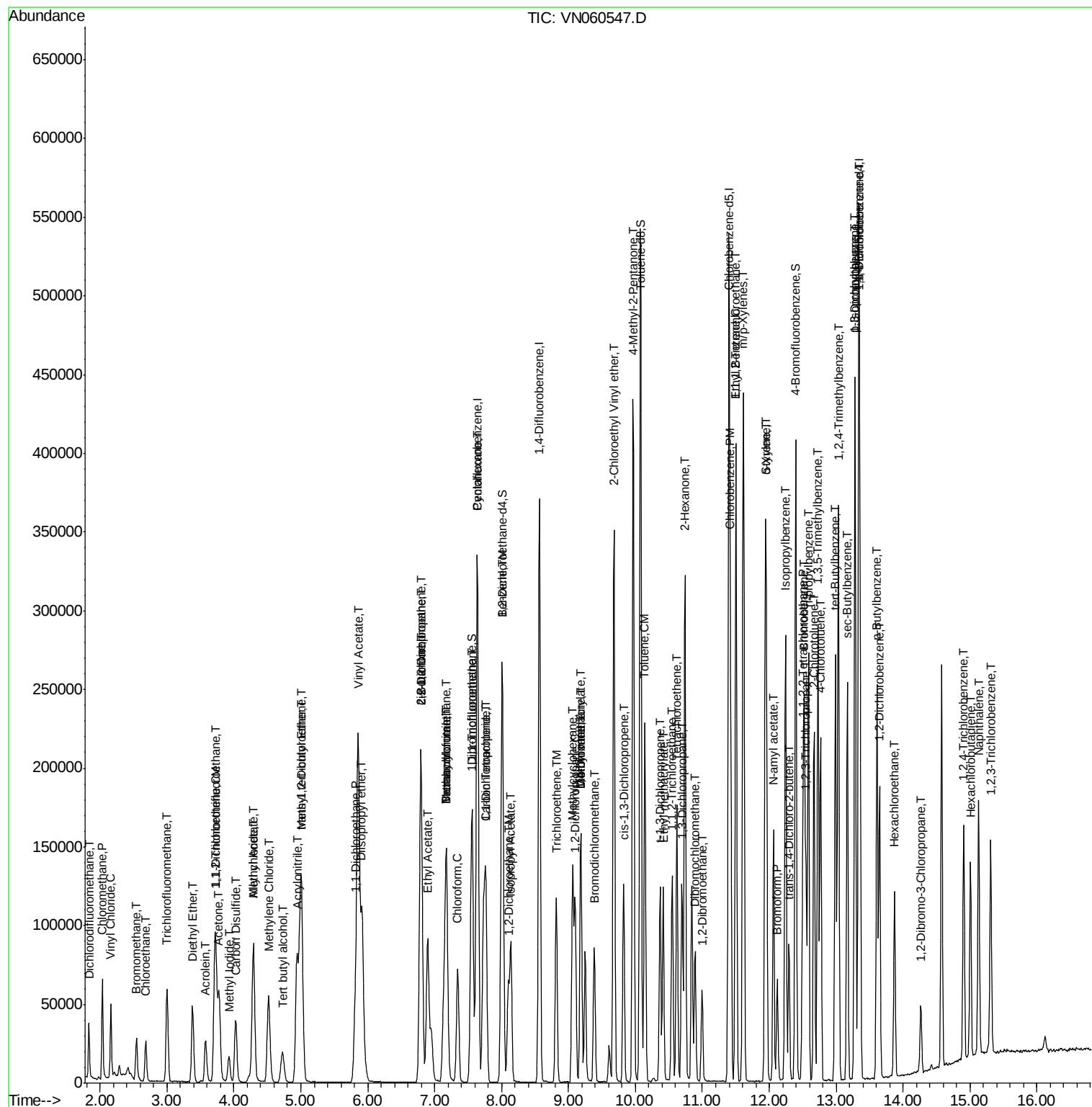
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	47898	17.109	ug/l	99
94) Hexachlorobutadiene	15.01	225	24354	18.499	ug/l	98
95) Naphthalene	15.13	128	137543	16.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45816	17.198	ug/l	99

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

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Sample : VN0317WBSD01
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
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Quant Time: Mar 18 06:41:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

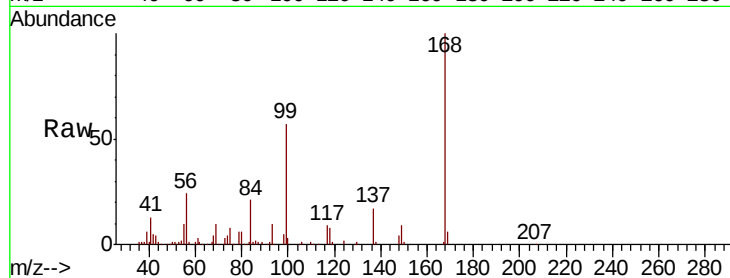
VN0317WBSD01

Tot Ion:168 Resp: 201720

Ion Ratio Lower Upper

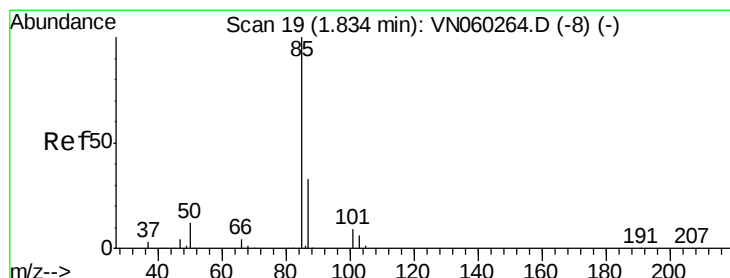
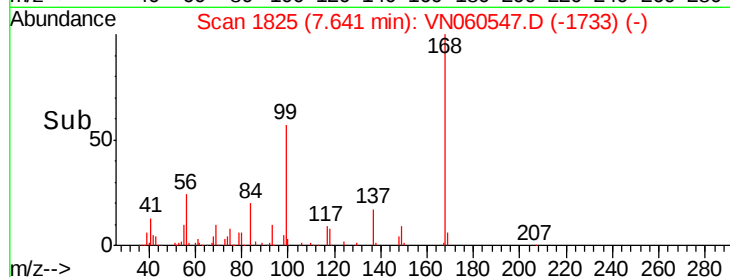
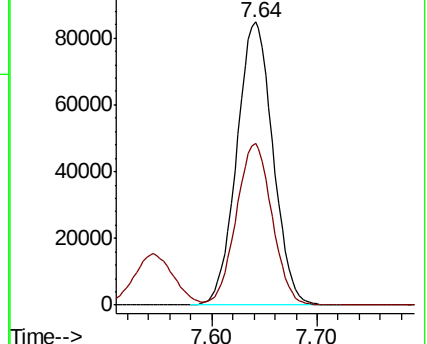
168 100

99 57.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 13.999 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060547.D

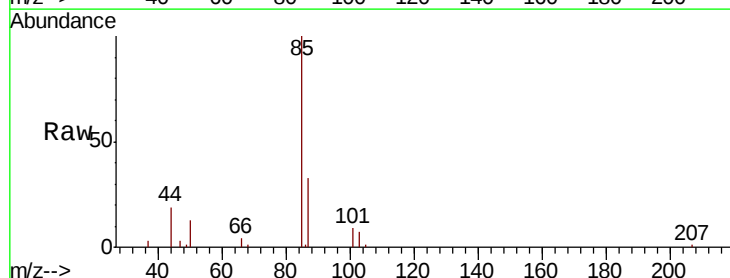
Acq: 17 Mar 2020 11:39

Tgt Ion: 85 Resp: 25890

Ion Ratio Lower Upper

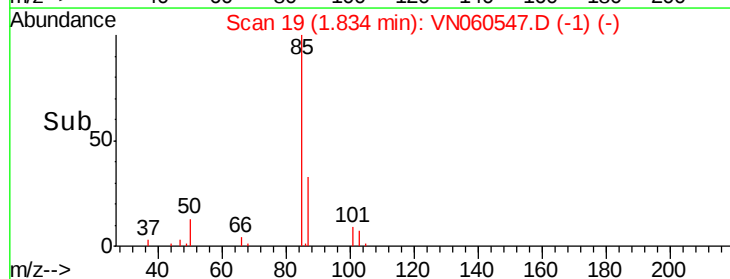
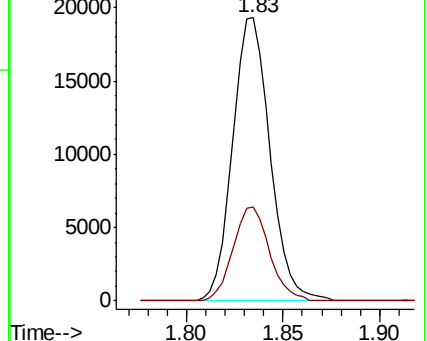
85 100

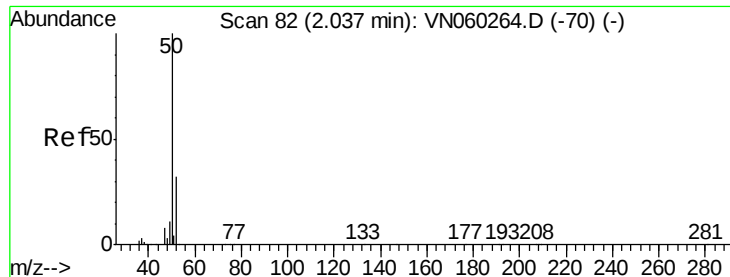
87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 15.035 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

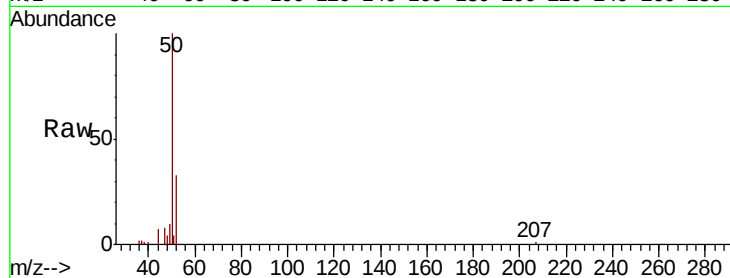
VN0317WBSD01

Tot Ion: 50 Resp: 48412

Ion Ratio Lower Upper

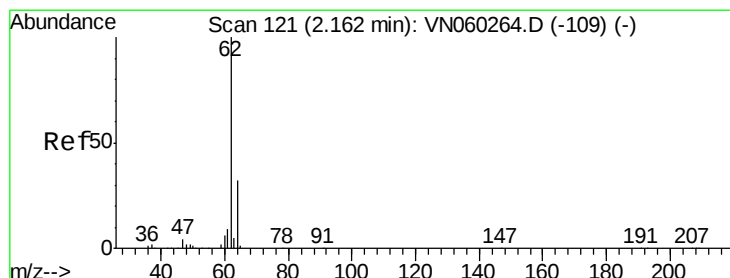
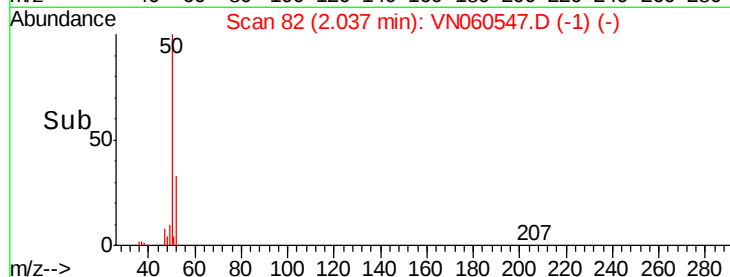
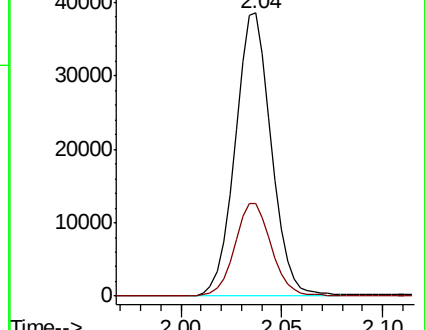
50 100

52 32.5 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN060547.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN060547.D (-1) (-)



#4

Vinyl Chloride

Concen: 14.540 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060547.D

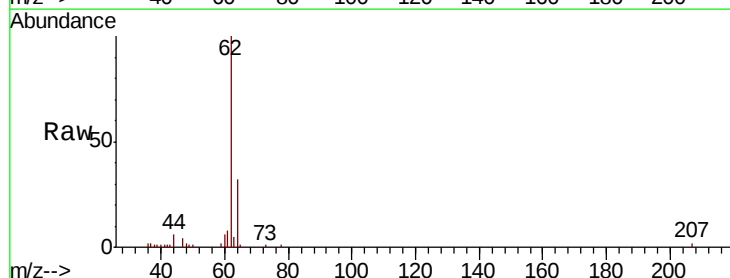
Acq: 17 Mar 2020 11:39

Tgt Ion: 62 Resp: 40152

Ion Ratio Lower Upper

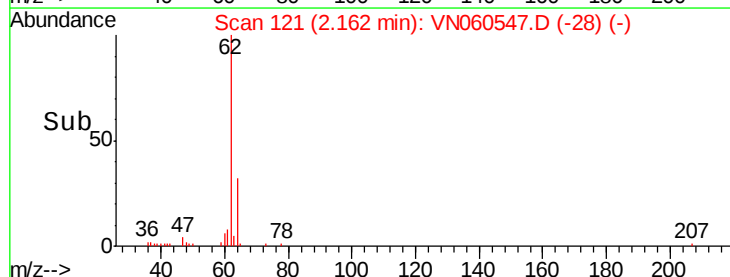
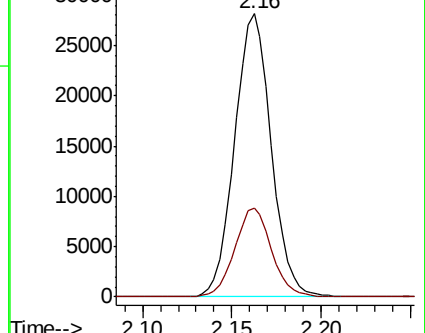
62 100

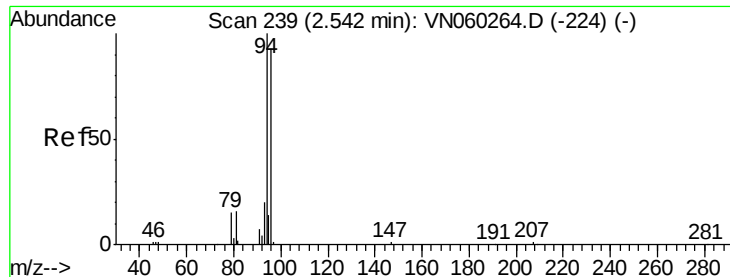
64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN060547.D (-28) (-)

Ion 63.90 (63.60 to 64.60): VN060547.D (-28) (-)





#5

Bromomethane

Concen: 15.248 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

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ClientSampleId :

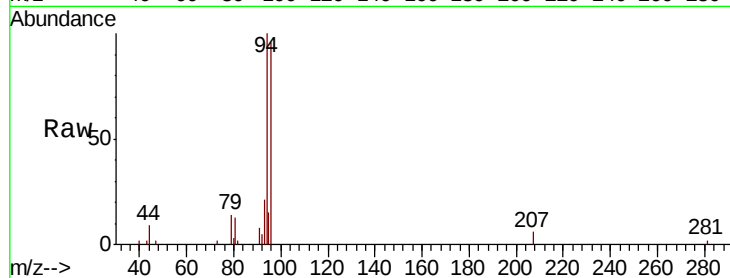
VN0317WBSD01

Tot Ion: 94 Resp: 18806

Ion Ratio Lower Upper

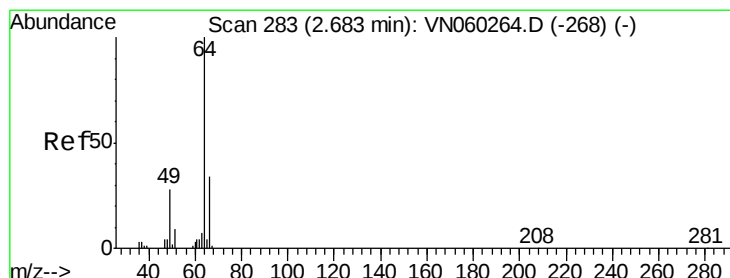
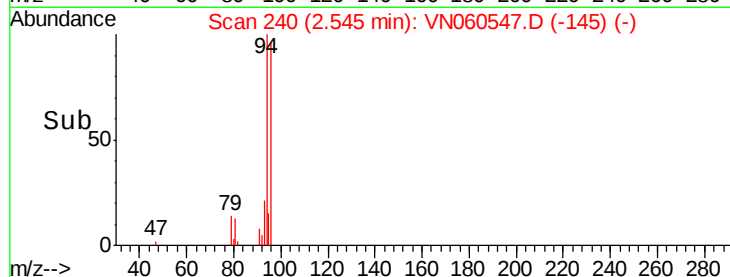
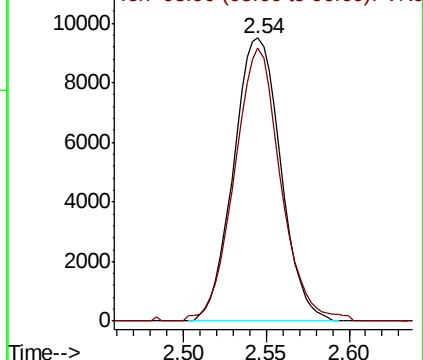
94 100

96 94.4 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.321 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060547.D

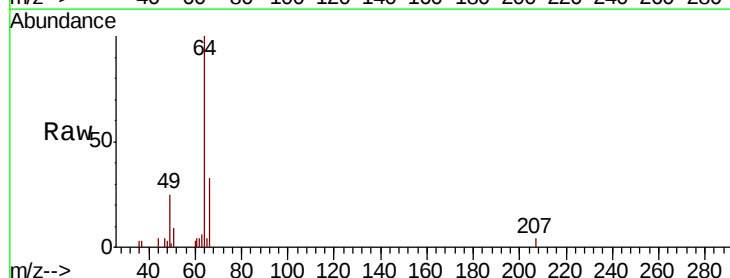
Acq: 17 Mar 2020 11:39

Tgt Ion: 64 Resp: 24420

Ion Ratio Lower Upper

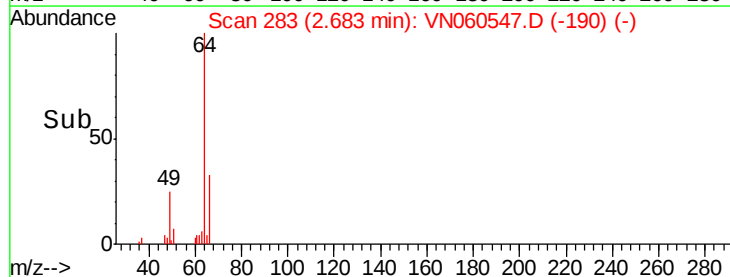
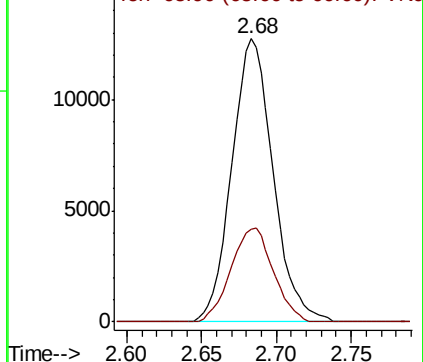
64 100

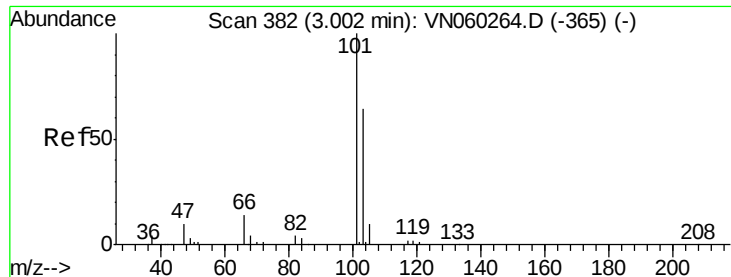
66 32.9 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



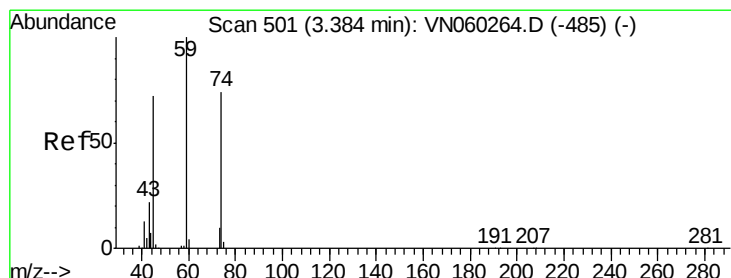
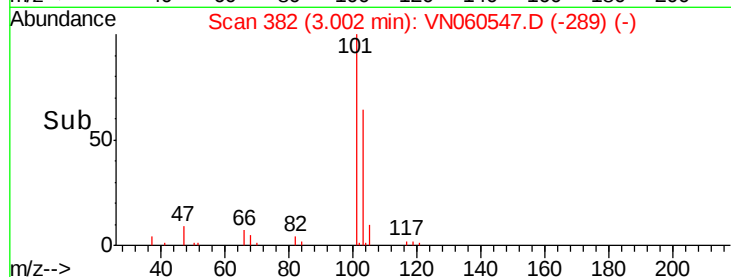
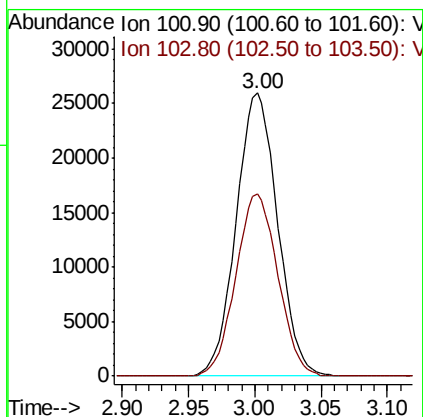
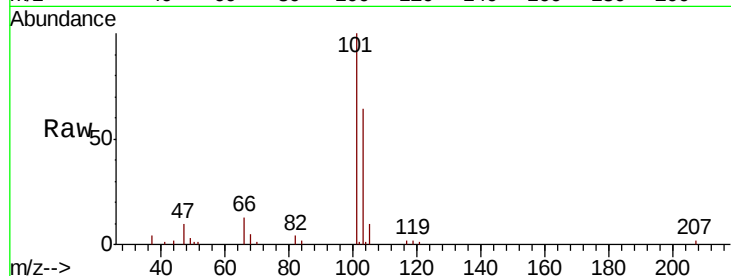


#7

Trichlorofluoromethane
 Concen: 15.990 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Instrument :
 MSVOA_N
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 VN0317WBSD01

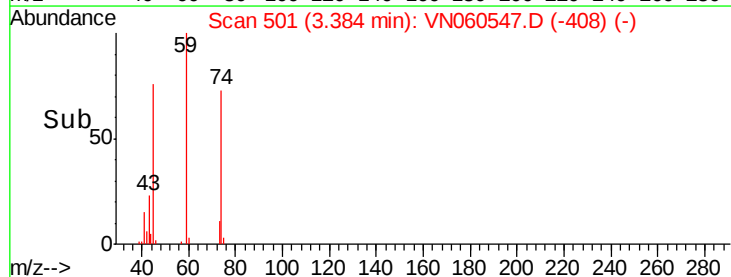
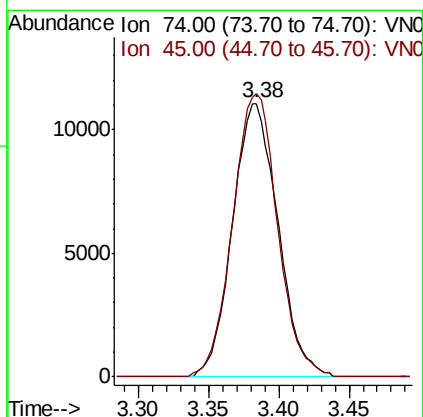
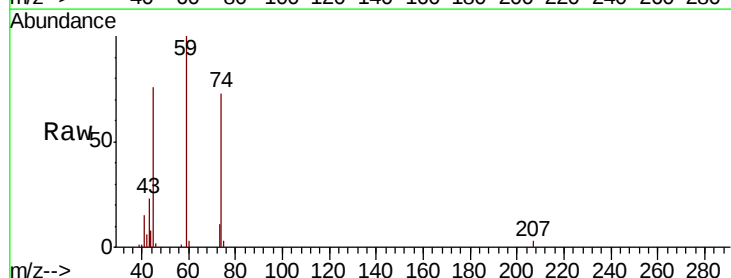
Tot Ion:101 Resp: 56417
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.3 76.9



#8

Diethyl Ether
 Concen: 18.685 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Tgt Ion: 74 Resp: 24891
 Ion Ratio Lower Upper
 74 100
 45 102.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.338 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

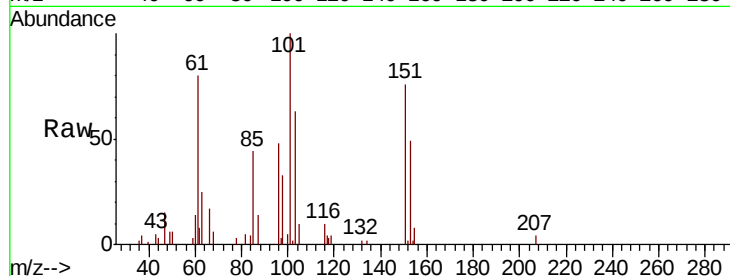
Tot Ion:101 Resp: 34620

Ion Ratio Lower Upper

101 100

85 44.3 35.4 53.2

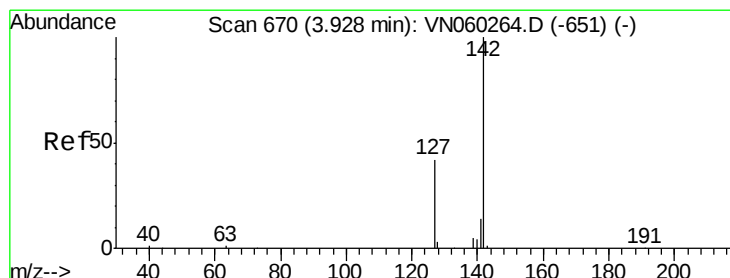
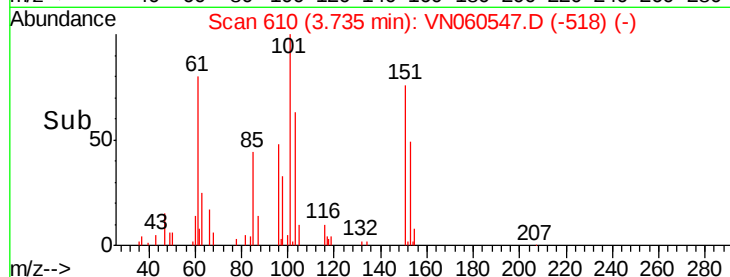
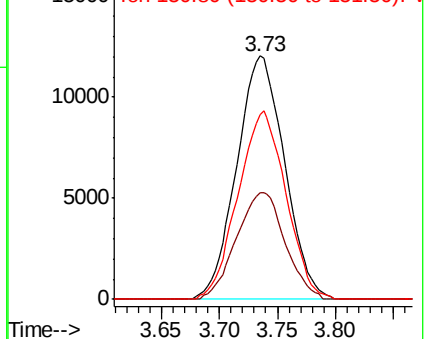
151 77.4 62.0 93.0



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: 14.070 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

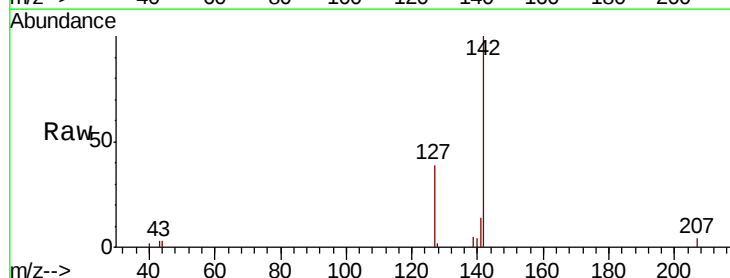
Tgt Ion:142 Resp: 25641

Ion Ratio Lower Upper

142 100

127 40.7 33.8 50.6

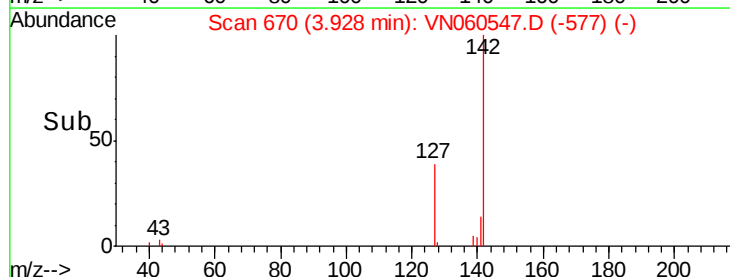
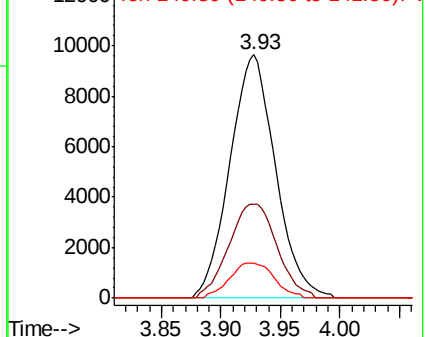
141 14.1 11.1 16.7

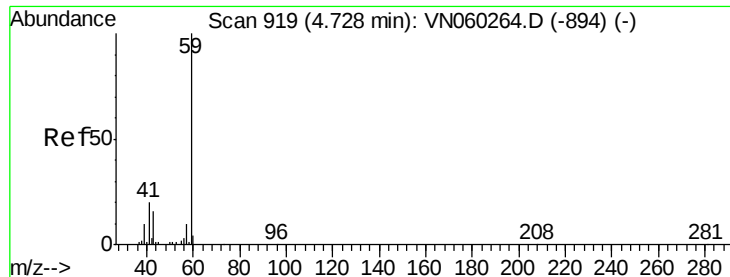


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



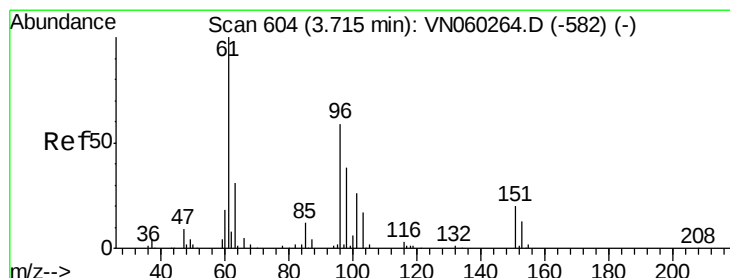
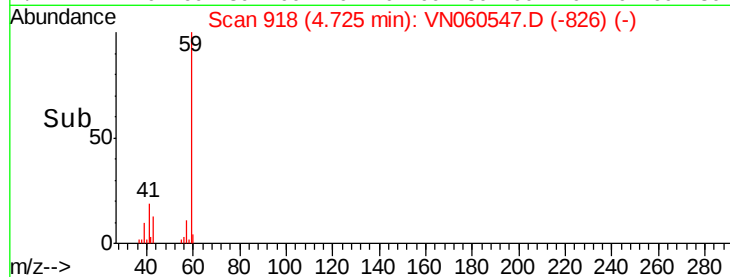
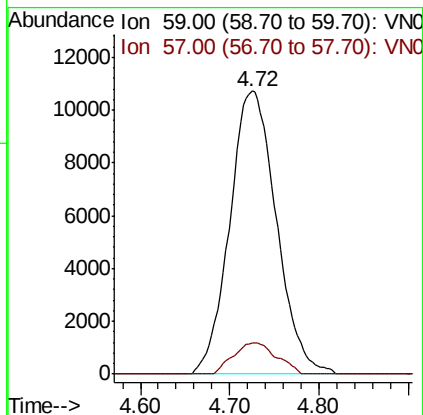
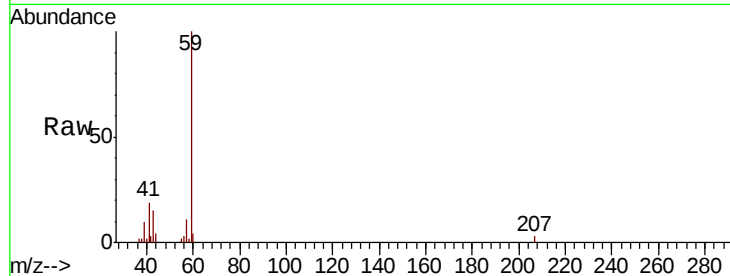


#11

Tert butyl alcohol
 Concen: 101.223 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

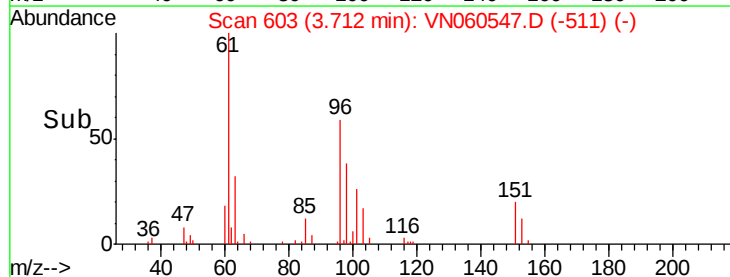
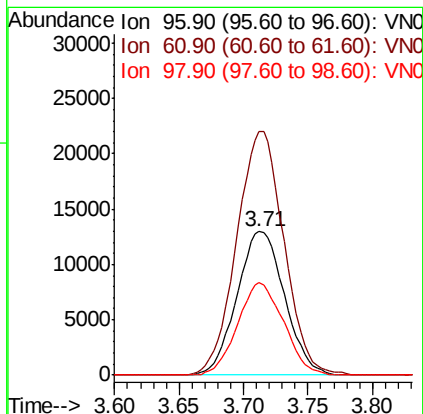
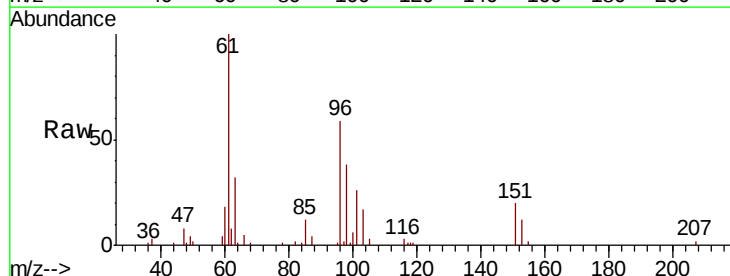
Tot Ion: 59 Resp: 38900
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

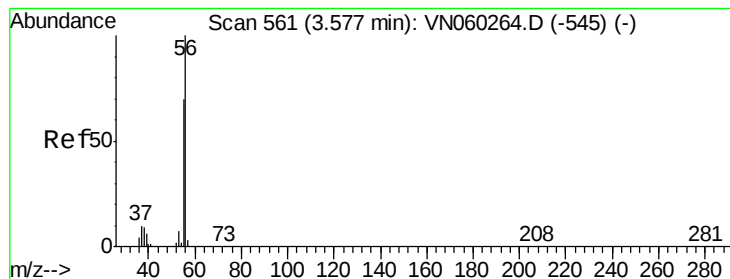


#12

1,1-Dichloroethene
 Concen: 17.179 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Tgt Ion: 96 Resp: 33391
 Ion Ratio Lower Upper
 96 100
 61 169.2 135.4 203.0
 98 64.1 51.6 77.4





#13

Acrolein

Concen: 85.823 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

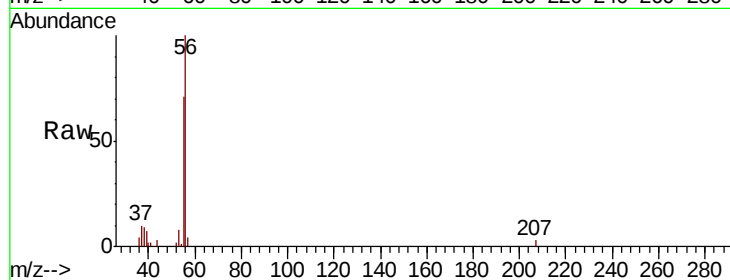
VN0317WBSD01

Tot Ion: 56 Resp: 30769

Ion Ratio Lower Upper

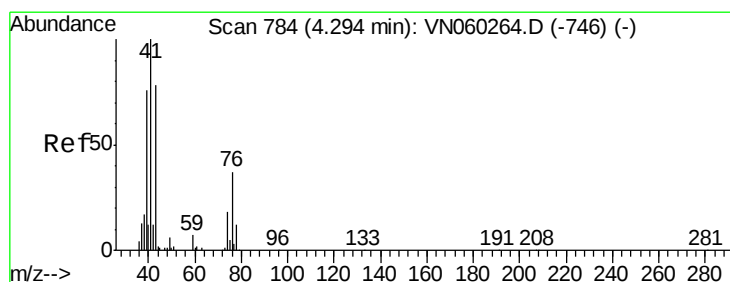
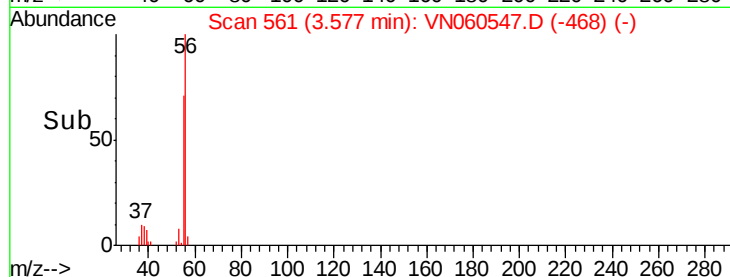
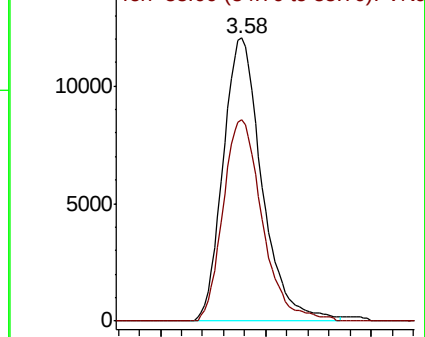
56 100

55 71.8 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.613 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

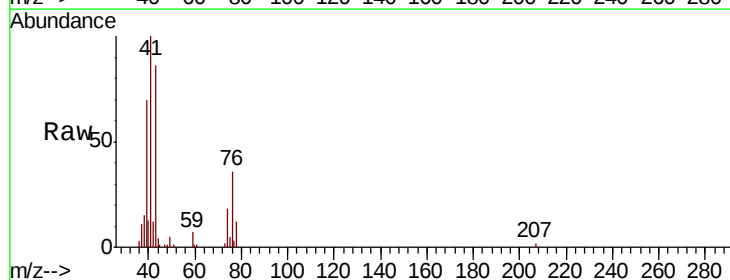
Tgt Ion: 41 Resp: 62937

Ion Ratio Lower Upper

41 100

39 70.8 55.4 83.2

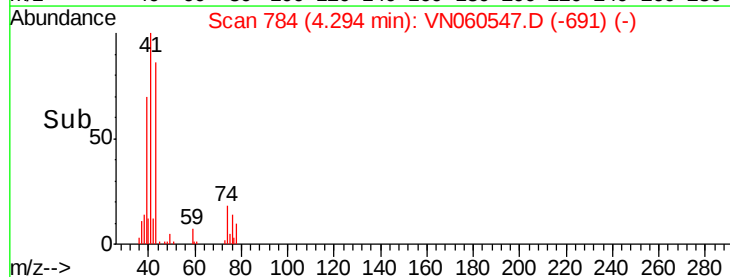
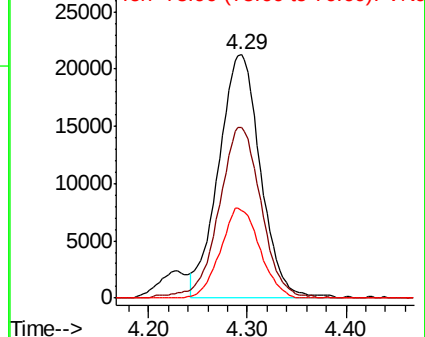
76 34.7 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.440 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

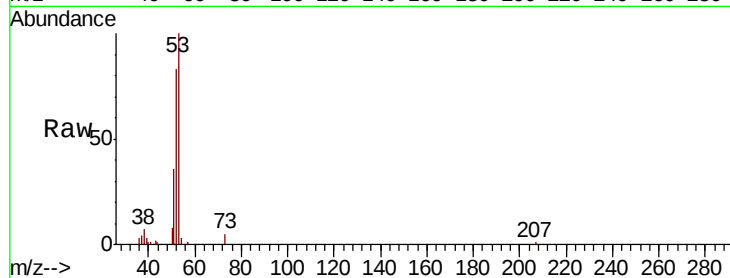
Tot Ion: 53 Resp: 106804

Ion Ratio Lower Upper

53 100

52 80.7 66.8 100.2

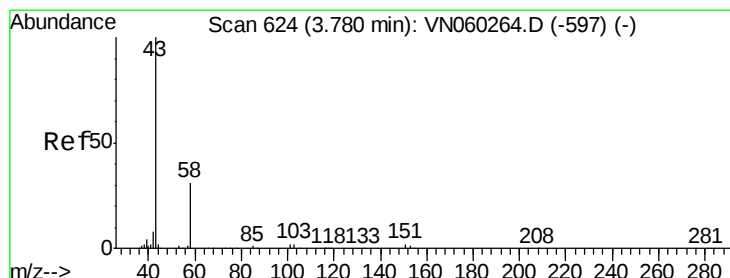
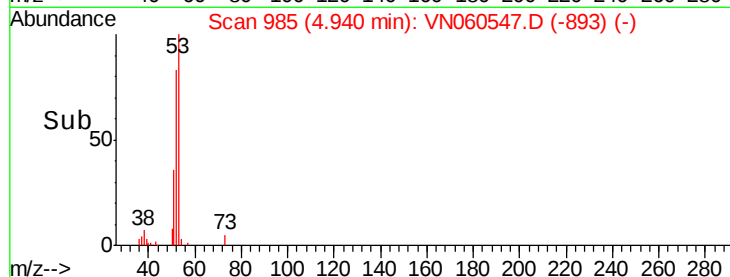
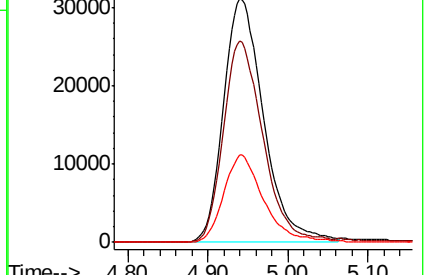
51 35.6 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN060547.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060547.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060547.D (-964) (-)



#16

Acetone

Concen: 109.836 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060547.D

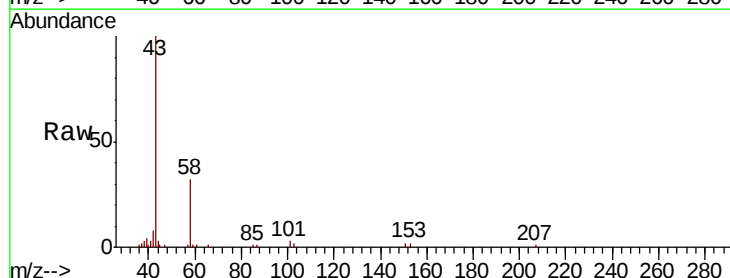
Acq: 17 Mar 2020 11:39

Tgt Ion: 43 Resp: 91798

Ion Ratio Lower Upper

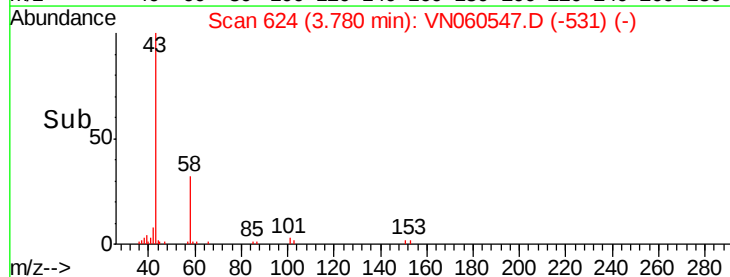
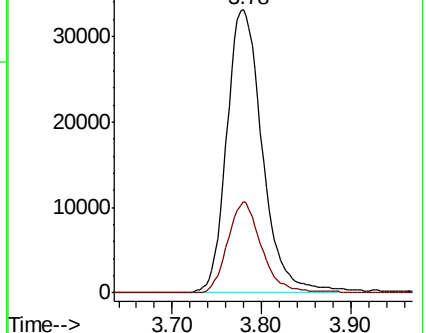
43 100

58 32.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060547.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060547.D (-531) (-)





#17

Carbon Disulfide

Concen: 14.729 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

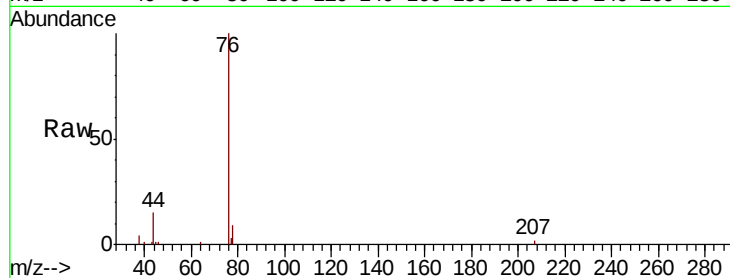
VN0317WBSD01

Tot Ion: 76 Resp: 78304

Ion Ratio Lower Upper

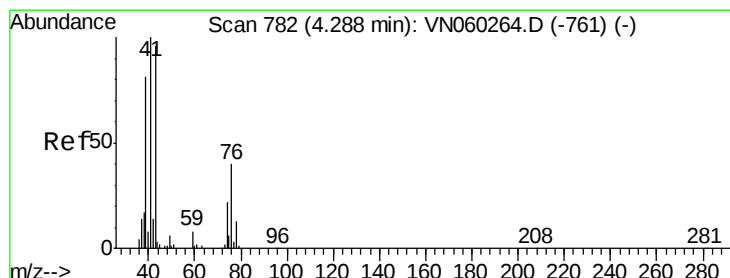
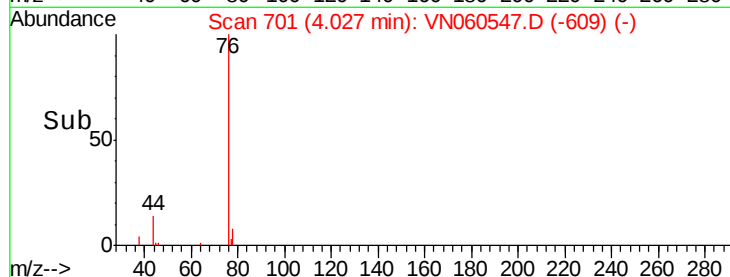
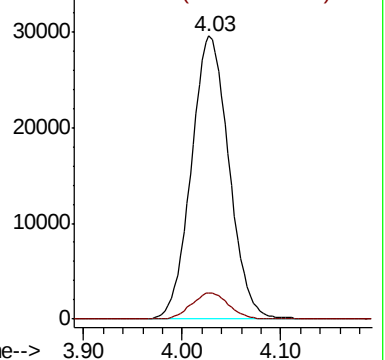
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN060264.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060264.D (-681) (-)



#18

Methyl Acetate

Concen: 20.880 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060547.D

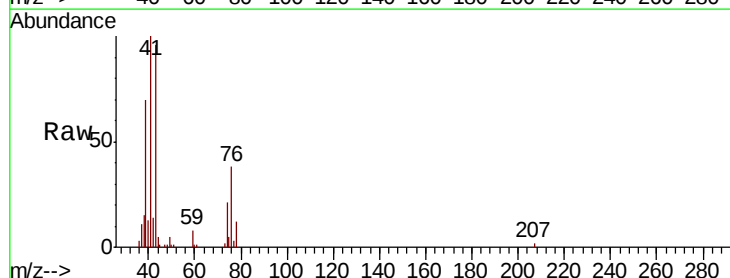
Acq: 17 Mar 2020 11:39

Tgt Ion: 43 Resp: 58236

Ion Ratio Lower Upper

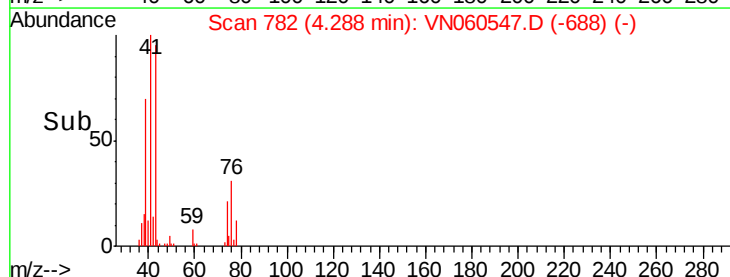
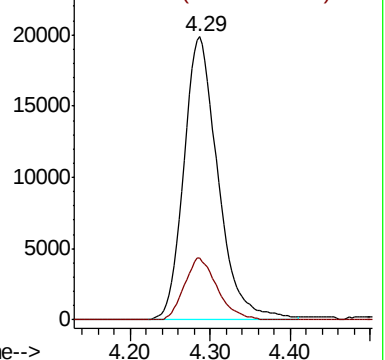
43 100

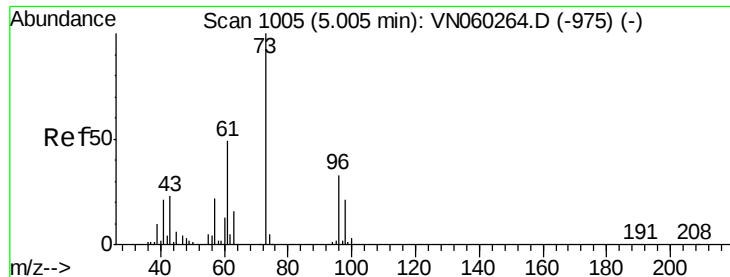
74 20.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-761) (-)

Ion 74.00 (73.70 to 74.70): VN060264.D (-761) (-)

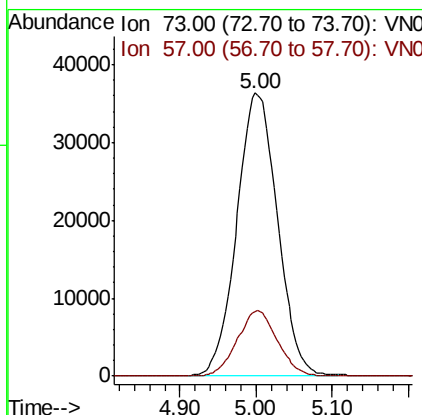
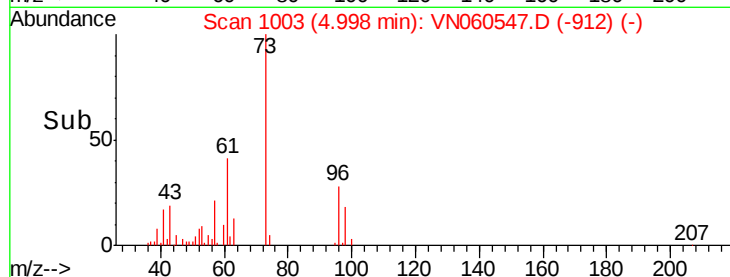
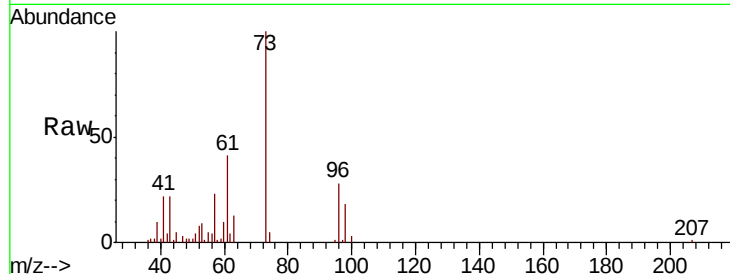




#19
Methvl tert-butvl Ether
Concen: 19.246 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

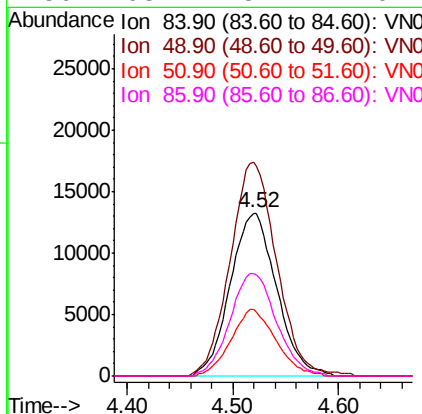
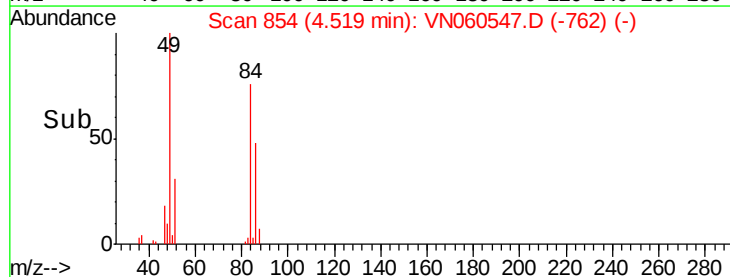
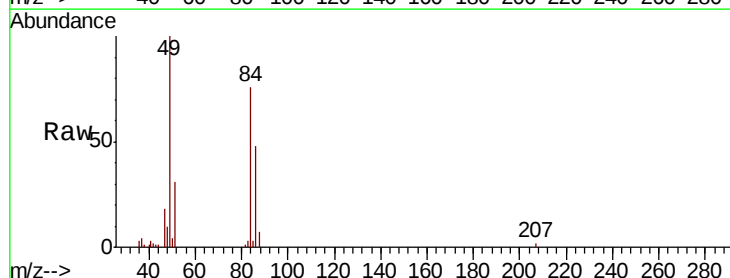
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tot Ion: 73 Resp: 135422
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 17.629 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion: 84 Resp: 40463
Ion Ratio Lower Upper
84 100
49 131.2 99.3 148.9
51 41.1 30.1 45.1
86 63.2 51.1 76.7

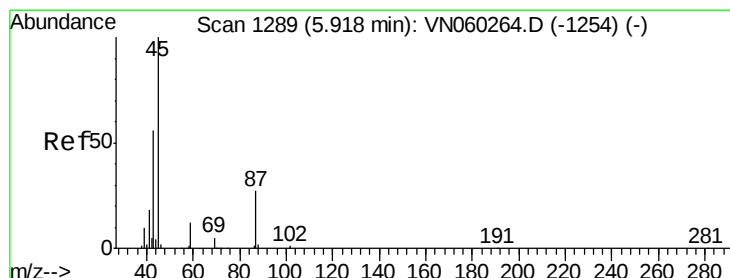
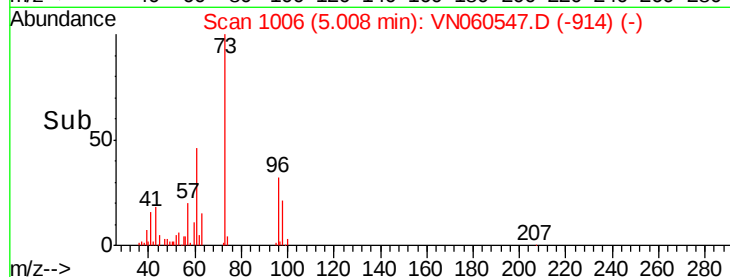
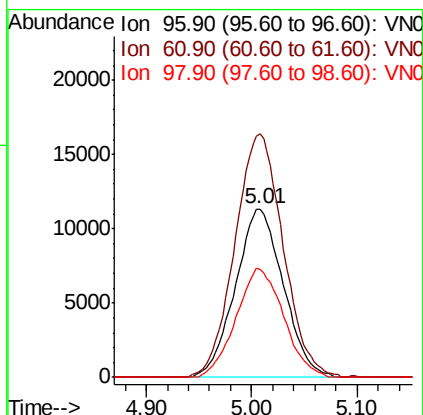
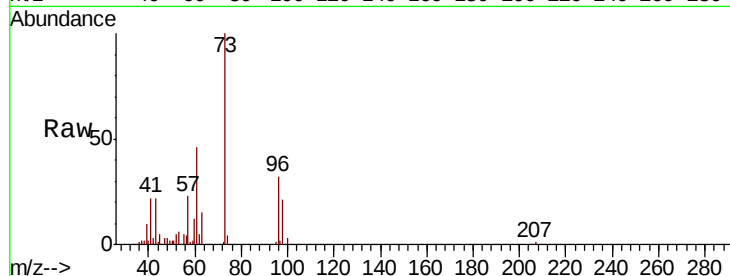




#21
trans-1,2-Dichloroethene
Concen: 16.933 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

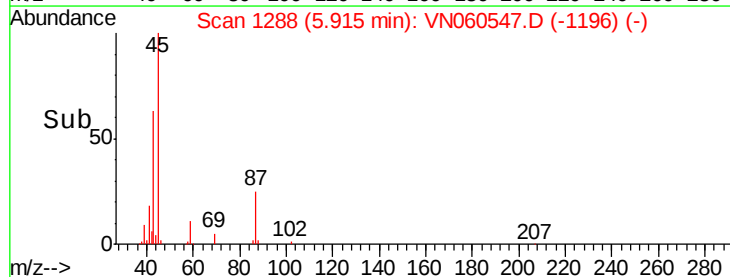
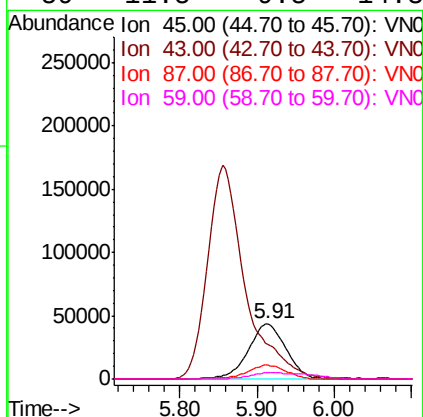
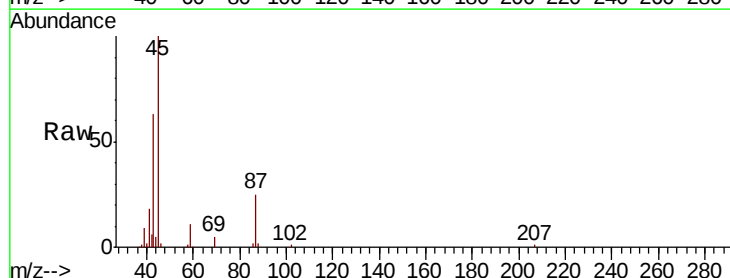
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tot Ion: 96 Resp: 35844
Ion Ratio Lower Upper
96 100
61 144.3 113.8 170.8
98 64.2 48.8 73.2



#22
Diisopropyl ether
Concen: 20.391 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion: 45 Resp: 147588
Ion Ratio Lower Upper
45 100
43 60.5 48.6 72.8
87 24.9 22.2 33.2
59 11.5 9.5 14.3





#23

Vinyl Acetate

Concen: 100.122 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

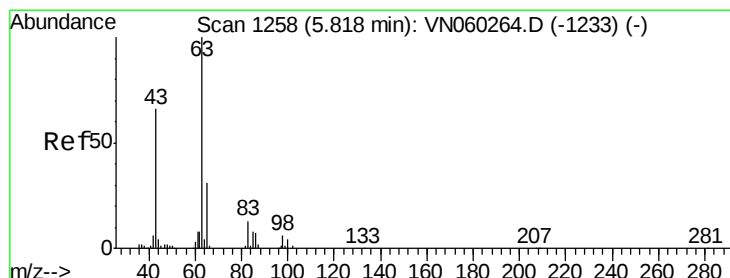
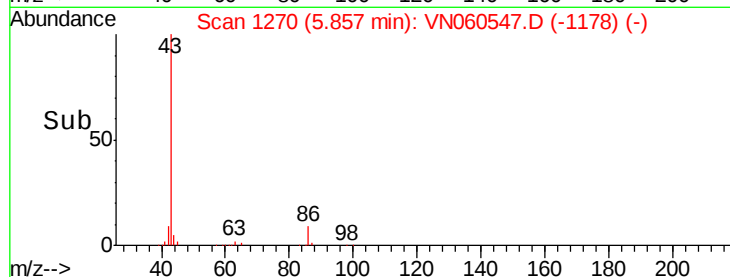
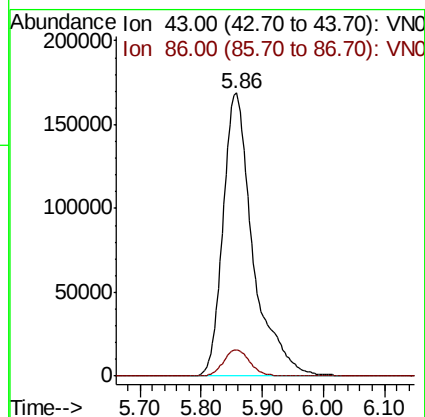
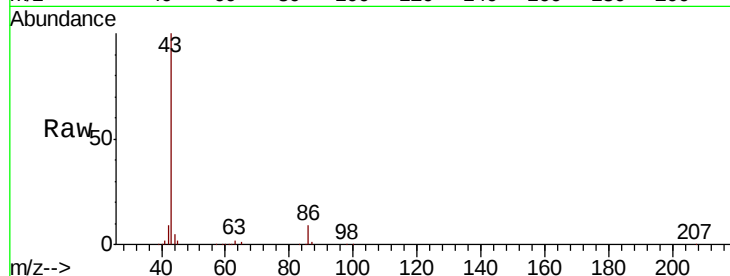
VN0317WBSD01

Tot Ion: 43 Resp: 575844

Ion Ratio Lower Upper

43 100

86 9.4 8.0 12.0



#24

1,1-Dichloroethane

Concen: 18.829 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

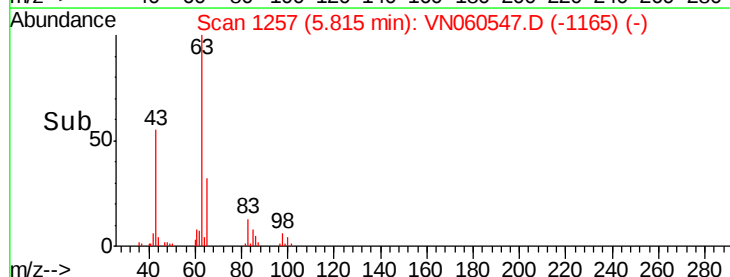
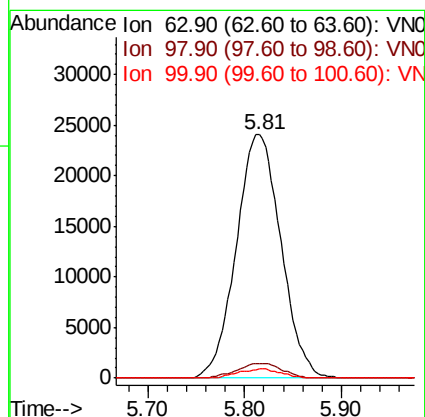
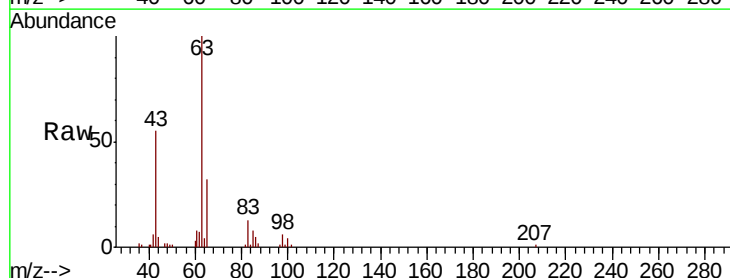
Tgt Ion: 63 Resp: 77143

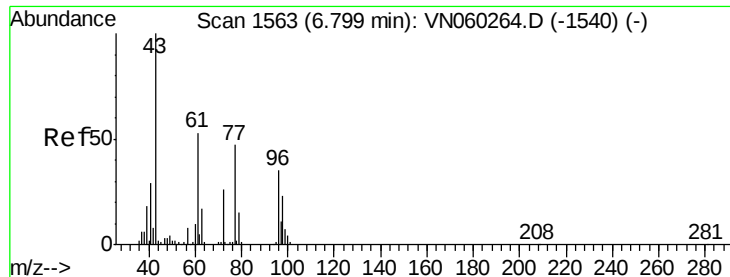
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

100 3.8 2.0 6.0

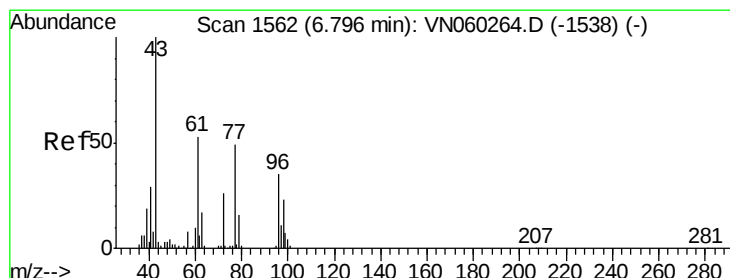
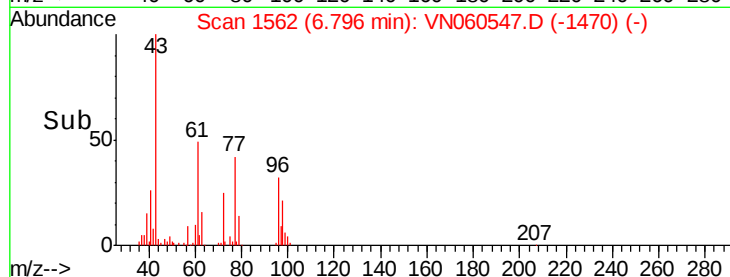
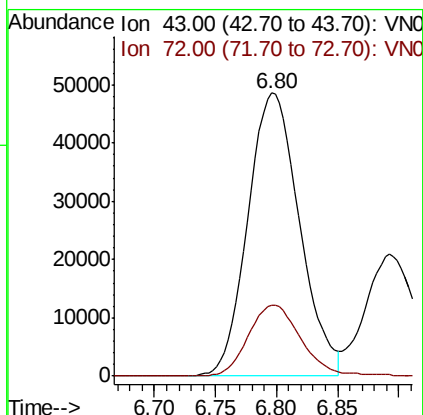
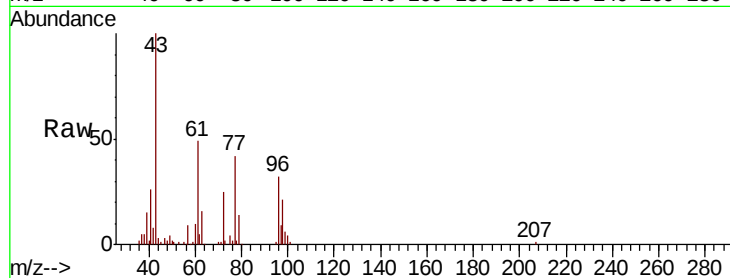




#25
2-Butanone
Concen: 105.832 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

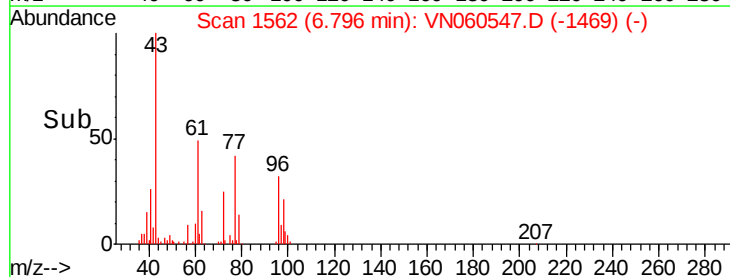
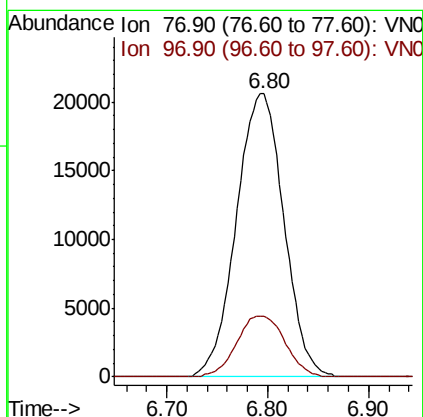
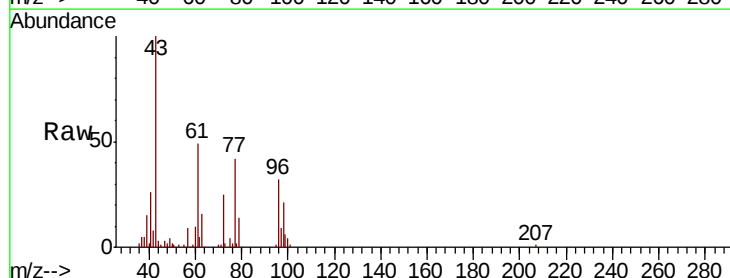
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

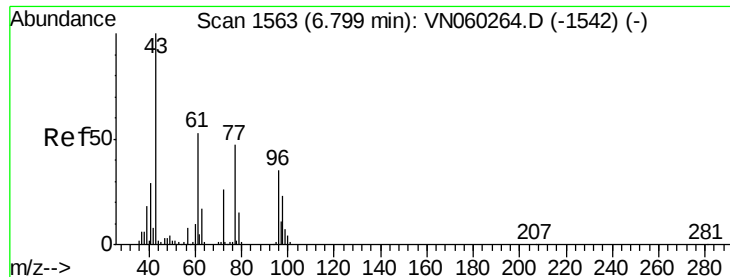
Tot Ion: 43 Resp: 142870
Ion Ratio Lower Upper
43 100
72 25.0 20.9 31.3



#26
2,2-Dichloropropane
Concen: 18.052 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion: 77 Resp: 67333
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.273 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

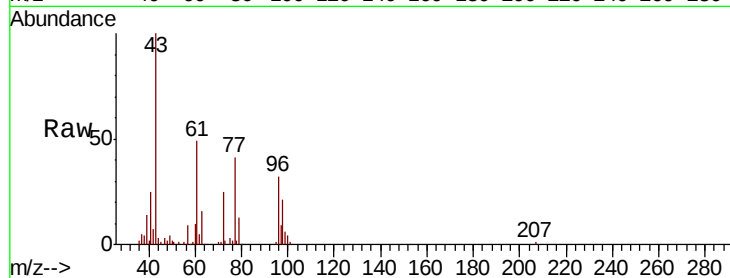
Tot Ion: 96 Resp: 45973

Ion Ratio Lower Upper

96 100

61 152.6 0.0 300.8

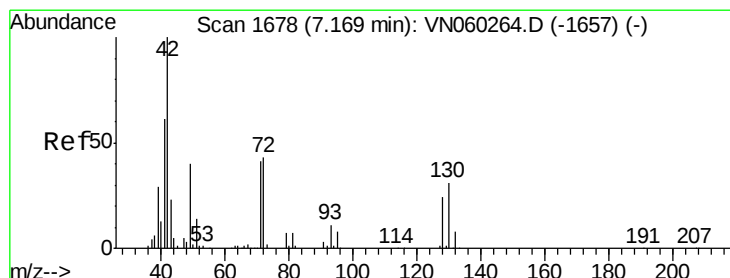
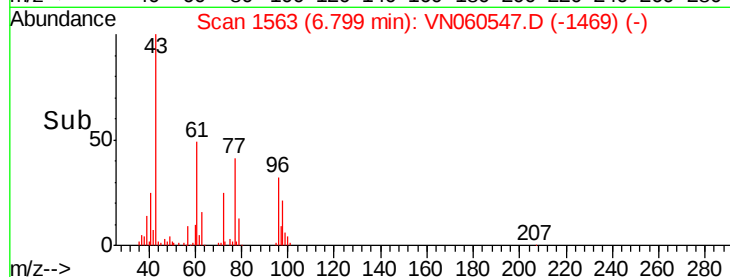
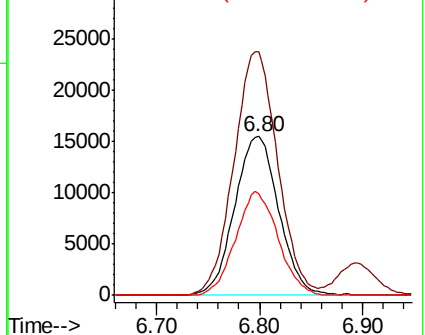
98 63.1 0.0 128.2



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: 19.818 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

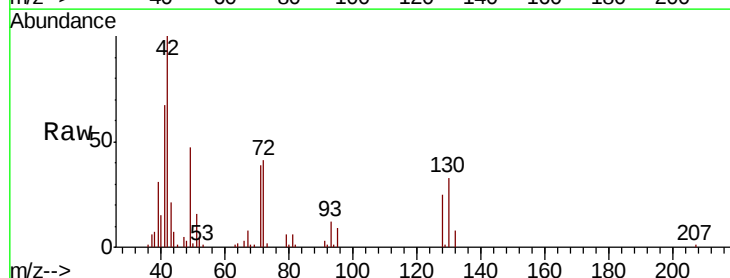
Tgt Ion: 49 Resp: 33338

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

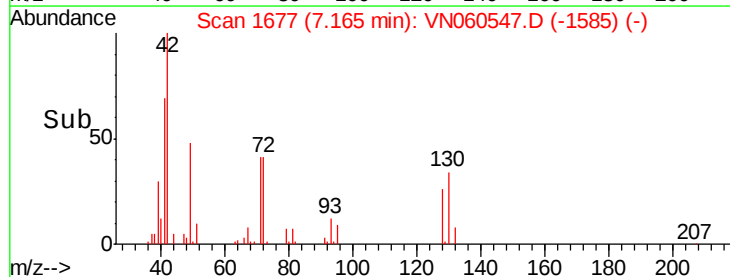
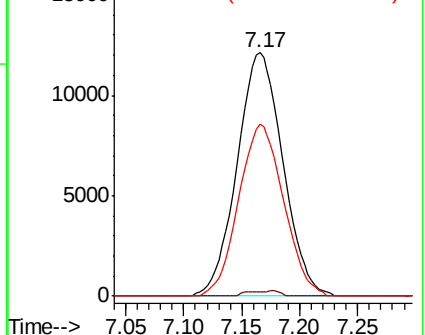
130 69.1 59.8 89.8



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: 101.409 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

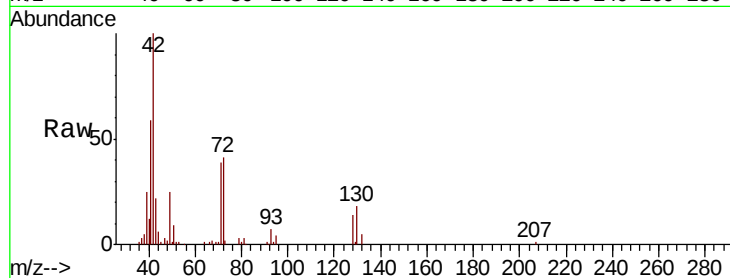
Tot Ion: 42 Resp: 95197

Ion Ratio Lower Upper

42 100

72 41.2 34.6 52.0

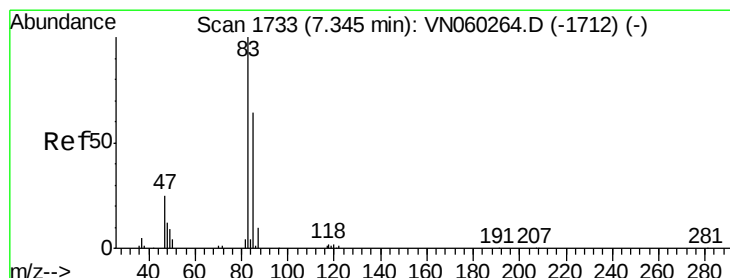
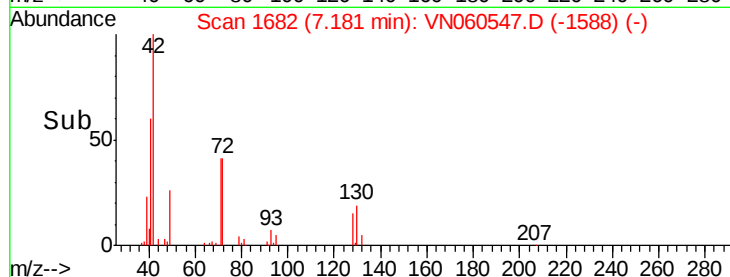
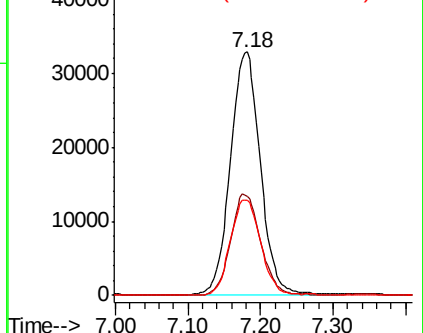
71 39.4 32.9 49.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.661 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060547.D

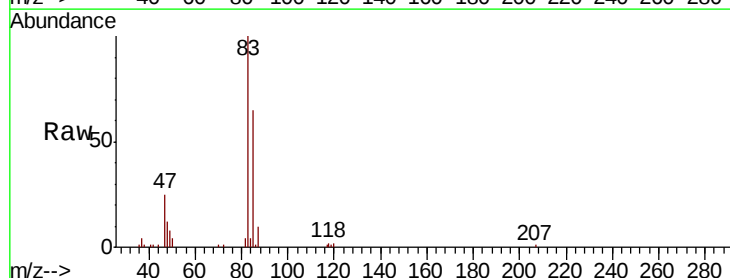
Acq: 17 Mar 2020 11:39

Tgt Ion: 83 Resp: 76112

Ion Ratio Lower Upper

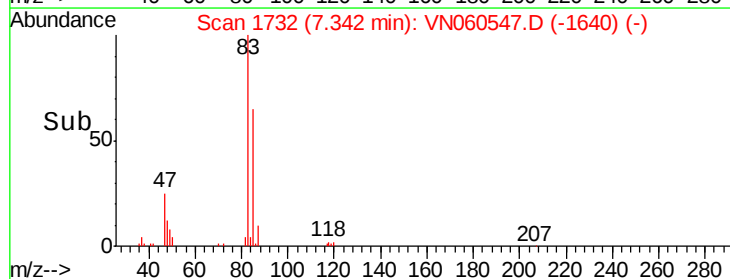
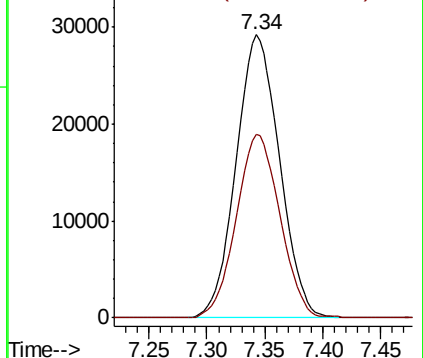
83 100

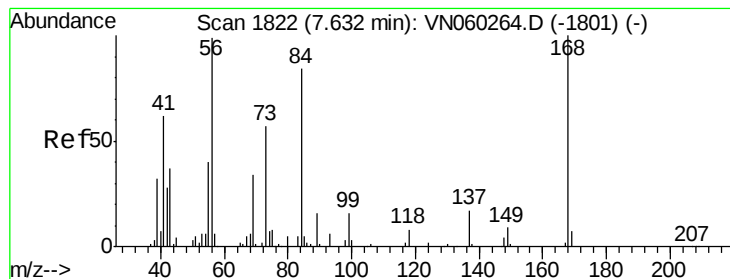
85 65.0 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.605 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

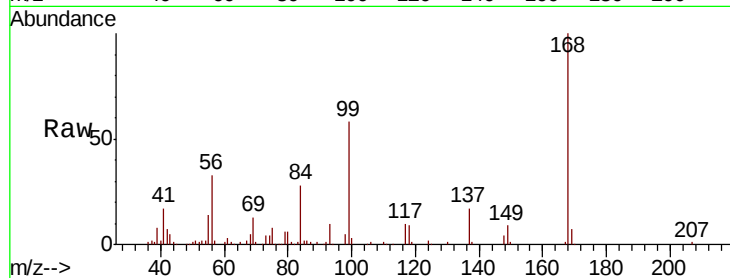
Tot Ion: 56 Resp: 64589

Ion Ratio Lower Upper

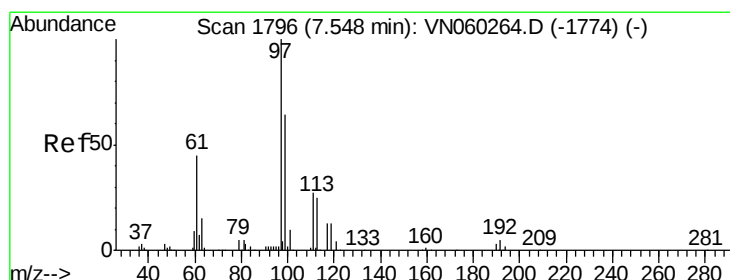
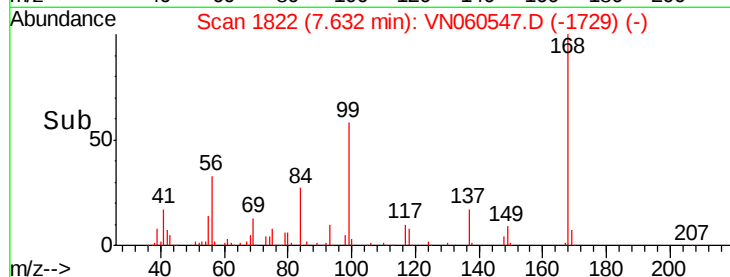
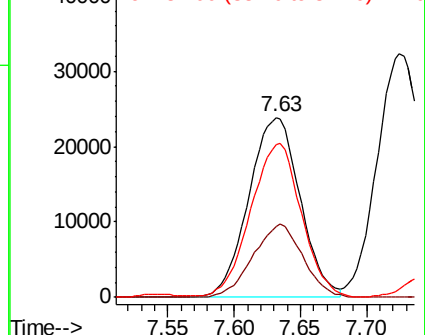
56 100

69 39.4 27.2 40.8

84 84.3 66.7 100.1



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



#32

1,1,1-Trichloroethane

Concen: 17.552 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

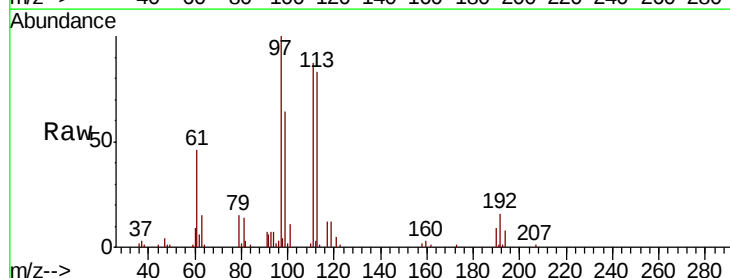
Tgt Ion: 97 Resp: 63426

Ion Ratio Lower Upper

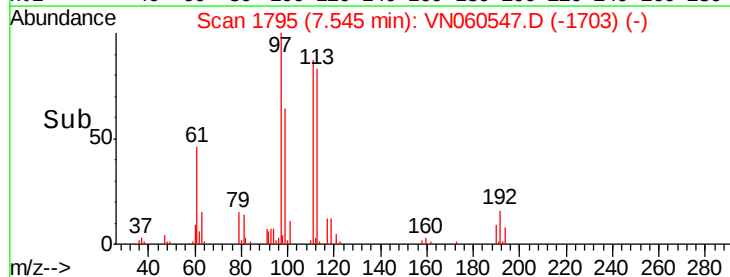
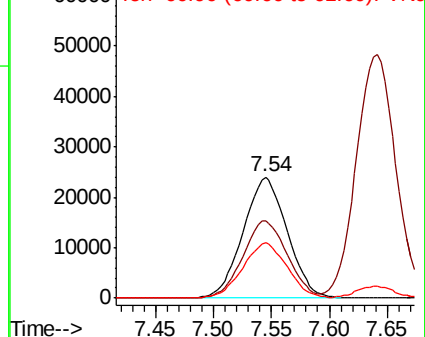
97 100

99 64.6 51.4 77.0

61 45.8 36.6 55.0



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

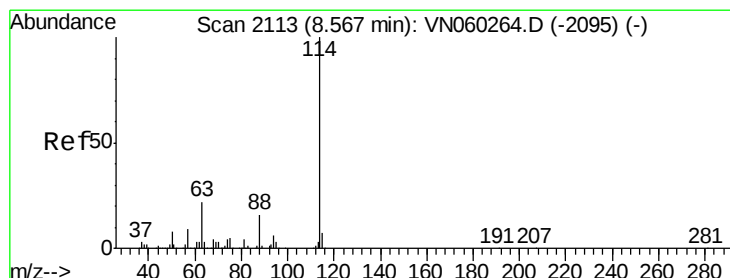
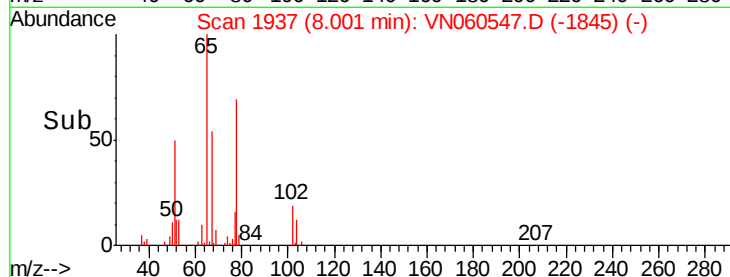
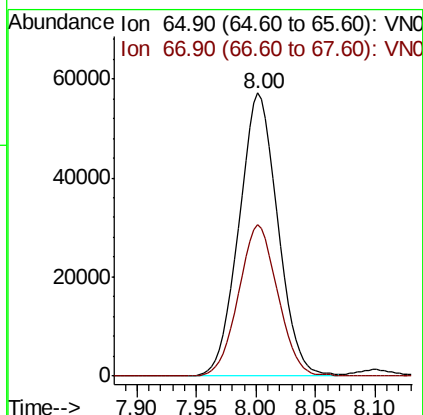
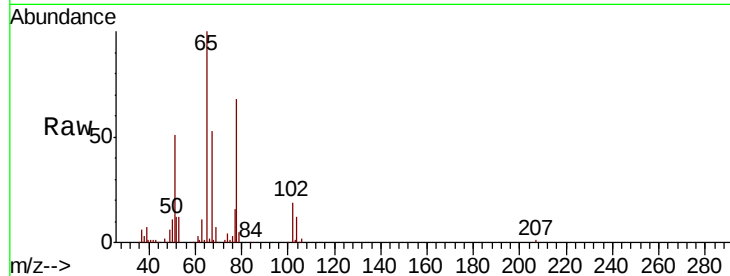




#33
 1,2-Dichloroethane-d4
 Concen: 49.909 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

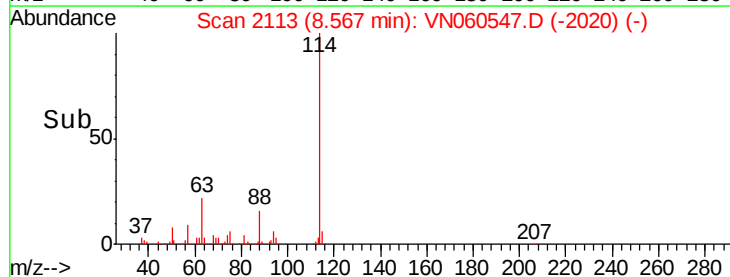
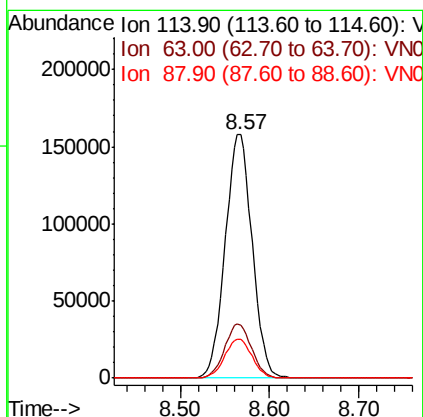
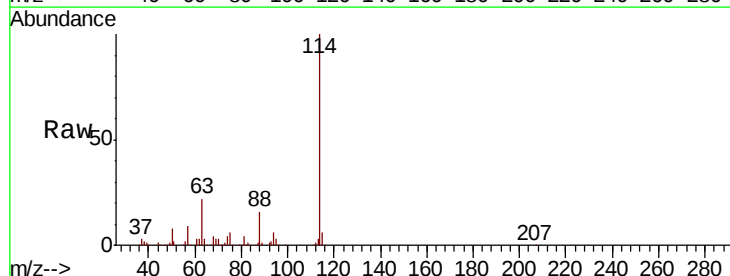
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

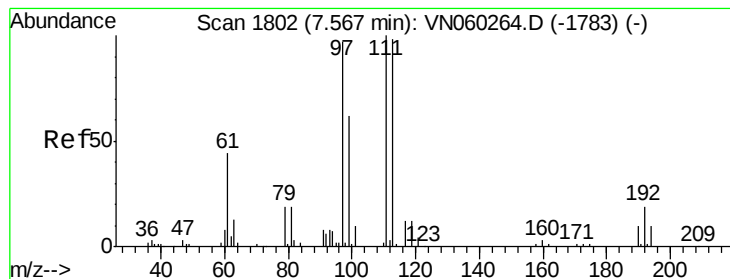
Tot Ion: 65 Resp: 129170
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Tgt Ion: 114 Resp: 329796
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 64.111 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

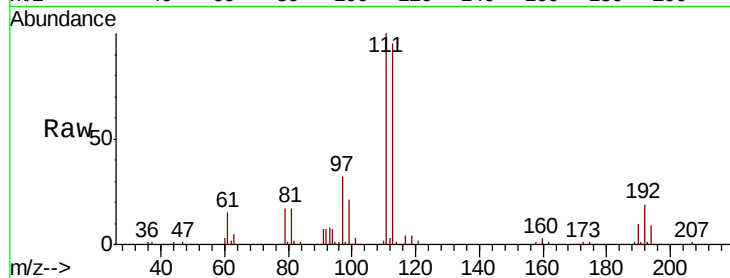
Tot Ion:113 Resp: 98142

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

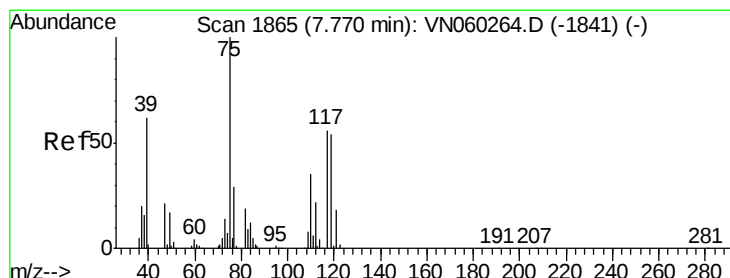
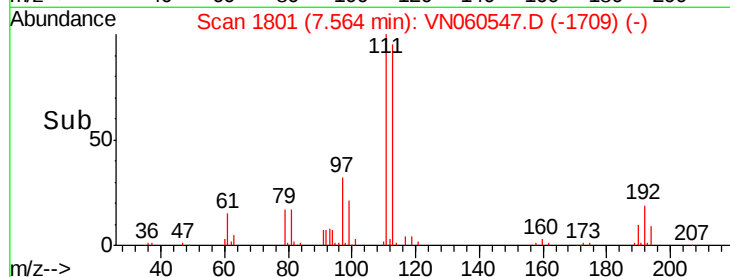
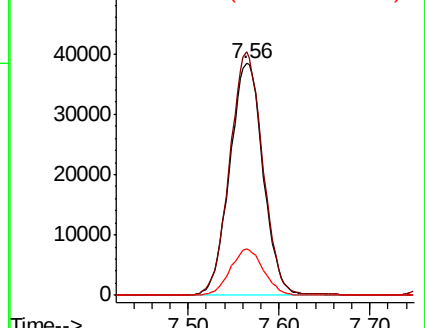
192 19.8 16.2 24.2



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: 17.045 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

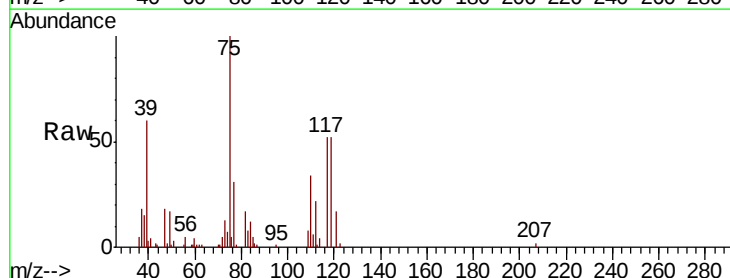
Tgt Ion: 75 Resp: 53574

Ion Ratio Lower Upper

75 100

110 33.4 17.3 52.0

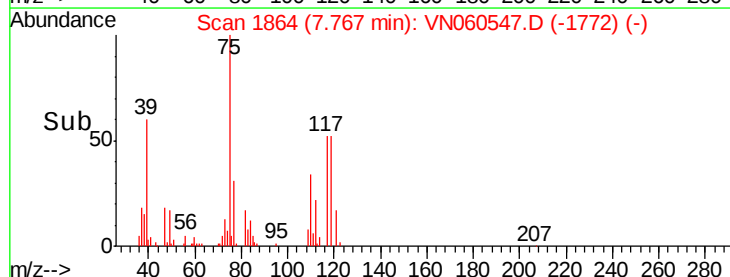
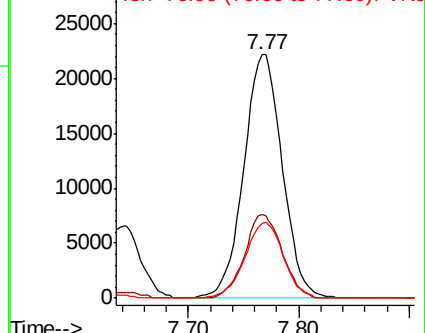
77 31.0 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

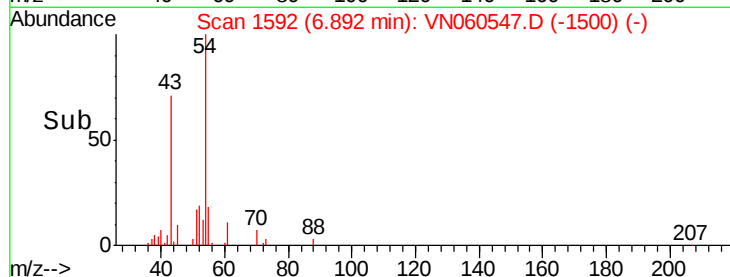
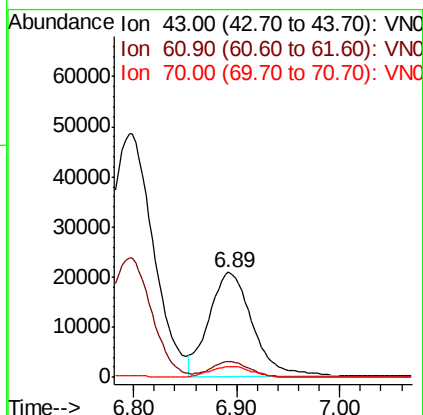
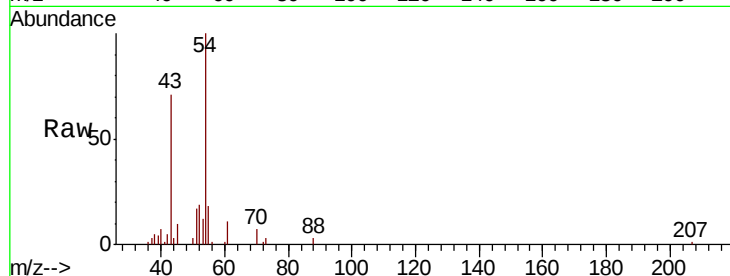




#37
Ethyl Acetate
Concen: 20.277 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

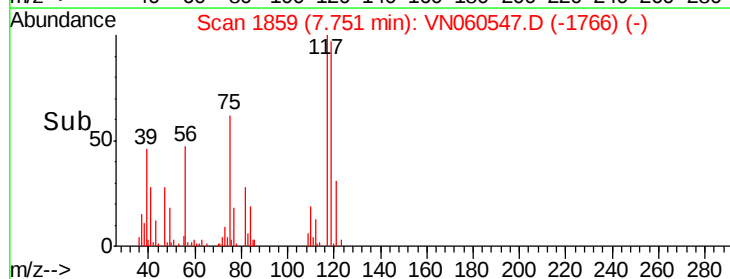
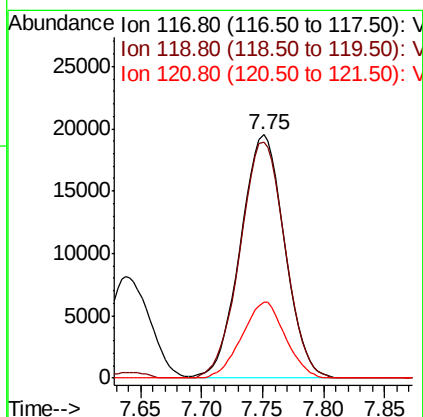
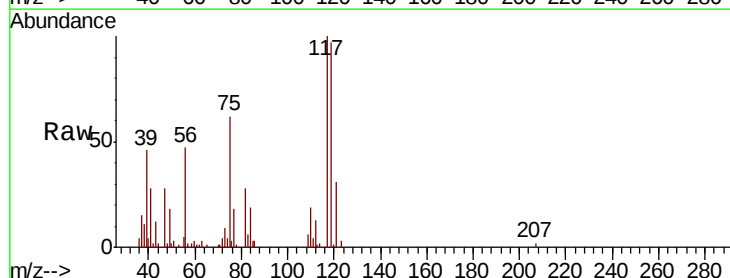
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

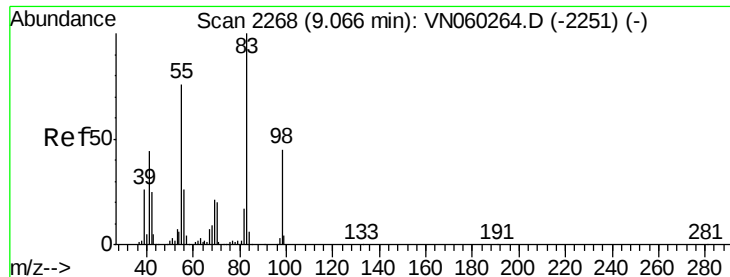
Tot Ion: 43 Resp: 60347
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 16.014 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion: 117 Resp: 49006
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1
121 31.1 24.5 36.7

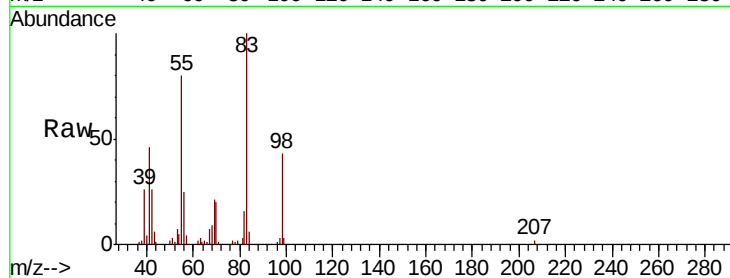




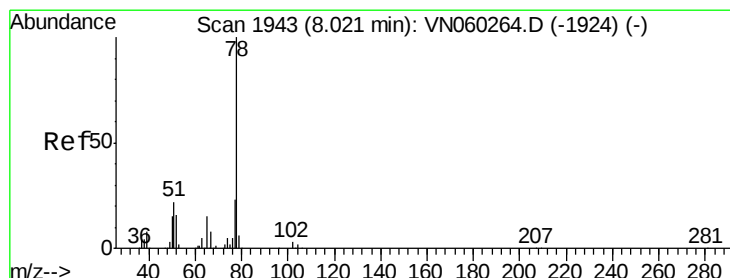
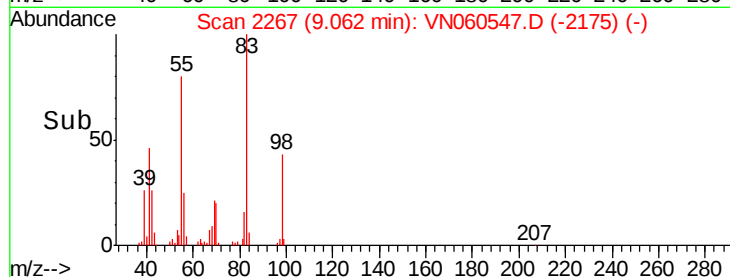
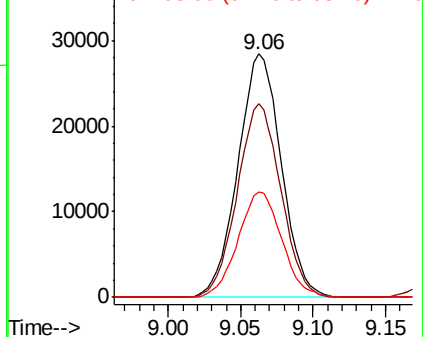
#39
Methvlcvclohexane
Concen: 15.951 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tot Ion: 83 Resp: 59111
Ion Ratio Lower Upper
83 100
55 79.8 61.0 91.4
98 43.4 36.1 54.1

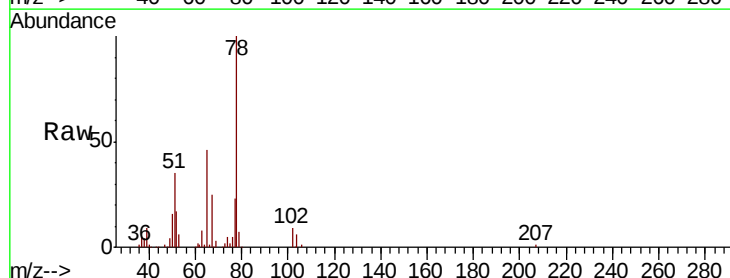


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

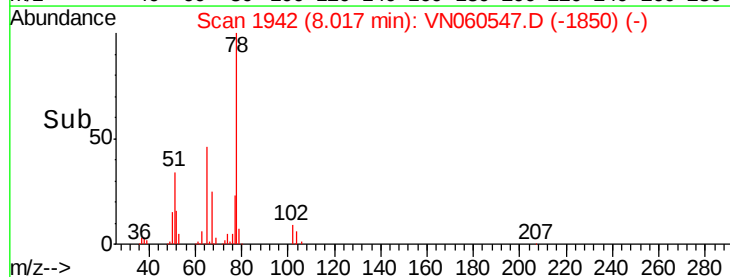
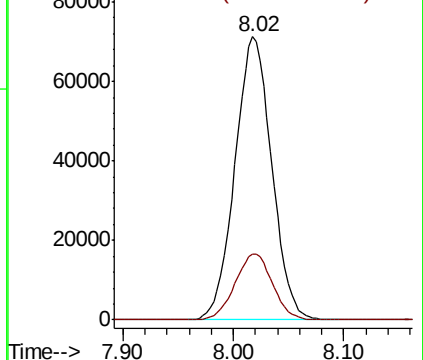


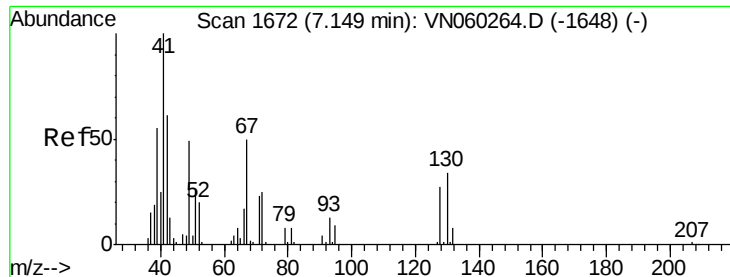
#40
Benzene
Concen: 17.964 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion: 78 Resp: 164335
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



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

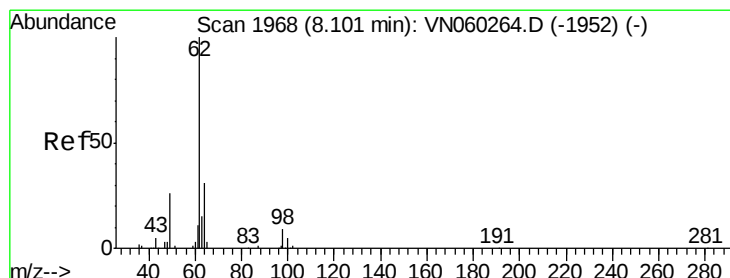
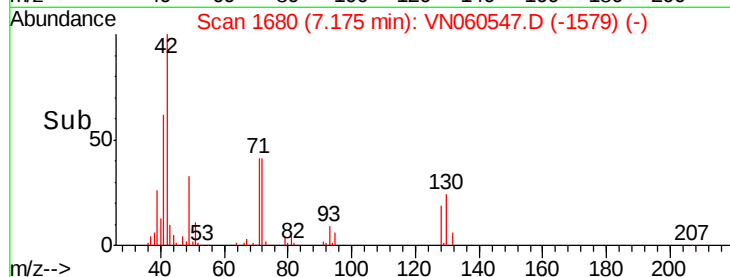
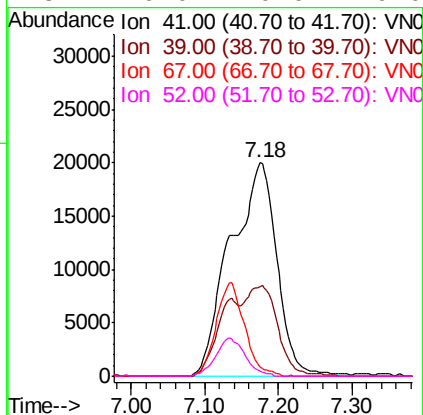
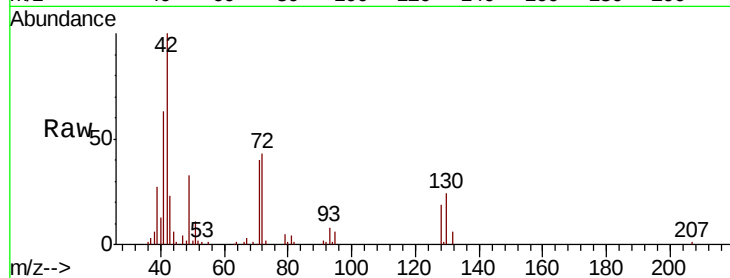




#41
Methacrylonitrile
Concen: 63.572 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

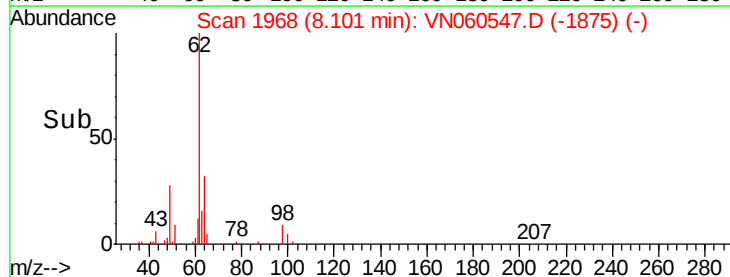
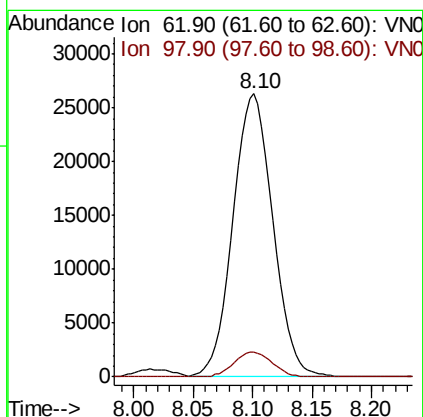
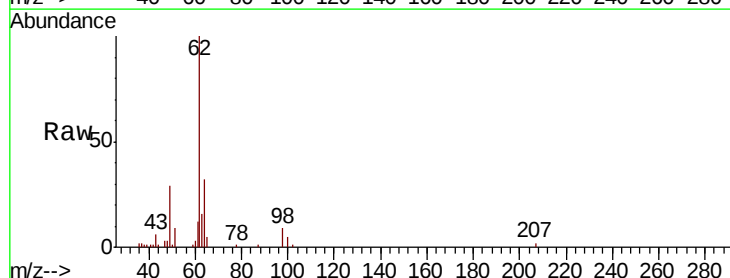
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

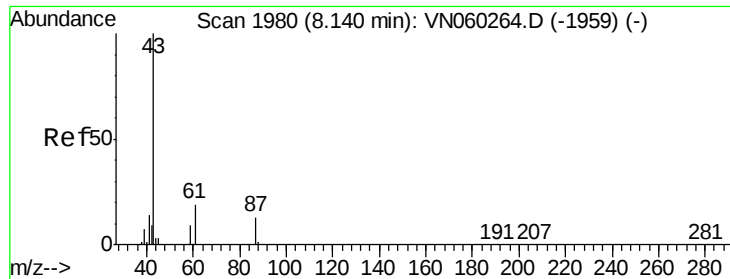
Tot Ion:	41	Resp:	87360
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.556 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion:	62	Resp:	61256
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 20.233 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

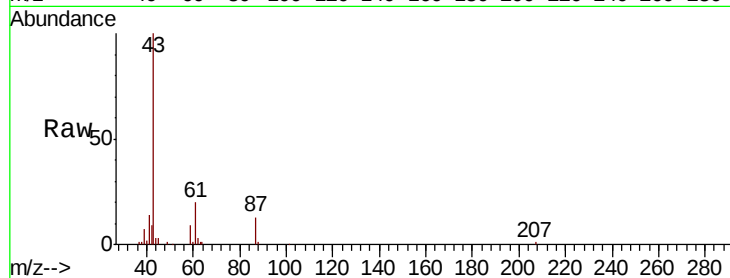
Tot Ion: 43 Resp: 105417

Ion Ratio Lower Upper

43 100

61 25.7 20.9 31.3

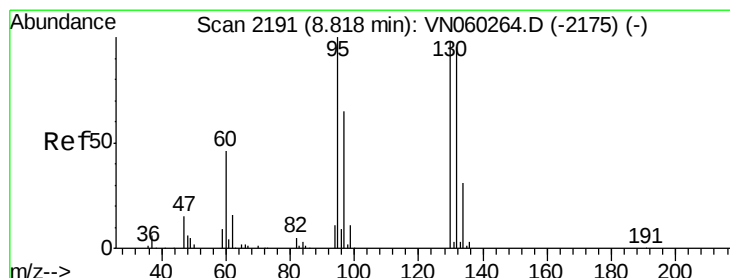
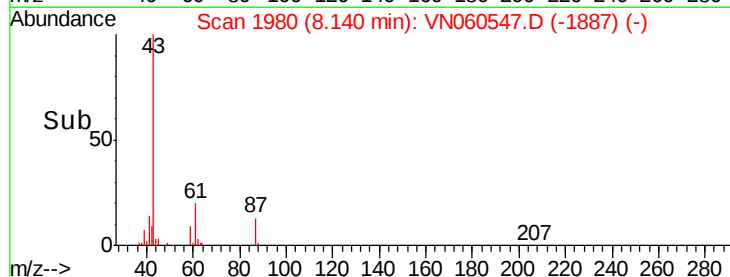
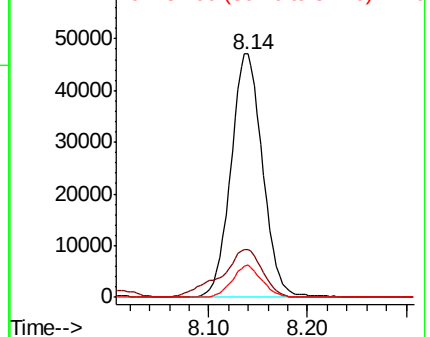
87 12.3 10.6 16.0



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

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#44

Trichloroethene

Concen: 16.763 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060547.D

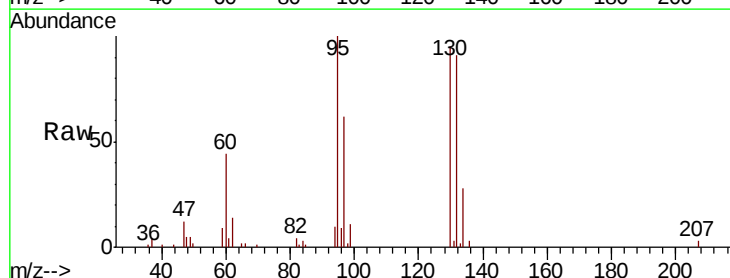
Acq: 17 Mar 2020 11:39

Tgt Ion: 130 Resp: 42709

Ion Ratio Lower Upper

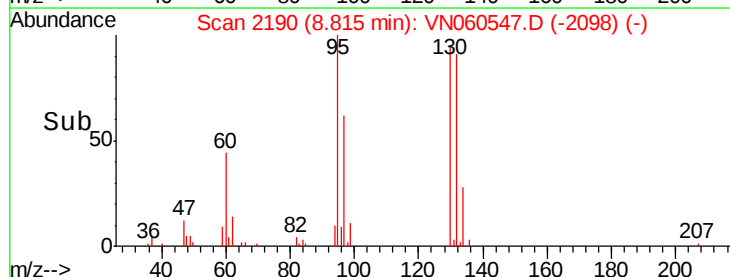
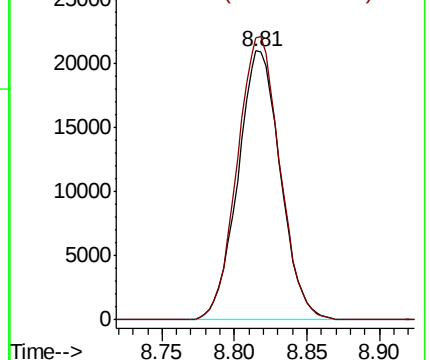
130 100

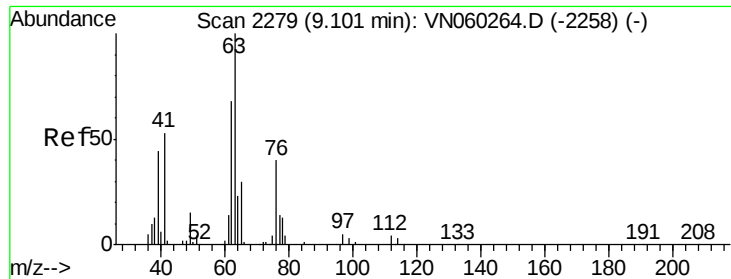
95 104.8 0.0 203.4



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

Ion 94.90 (94.60 to 95.60): VN060264.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 19.988 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

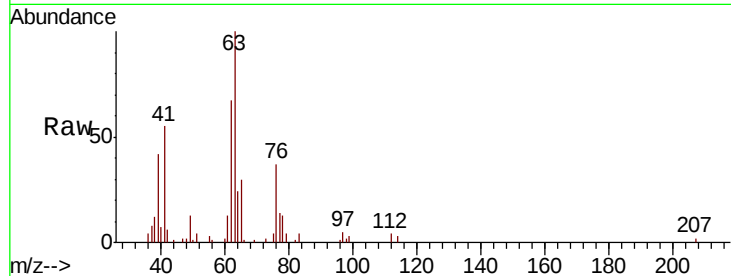
VN0317WBSD01

Tot Ion: 63 Resp: 47808

Ion Ratio Lower Upper

63 100

65 30.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN060264.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN060264.D (-2258) (-)

9.10

25000

20000

15000

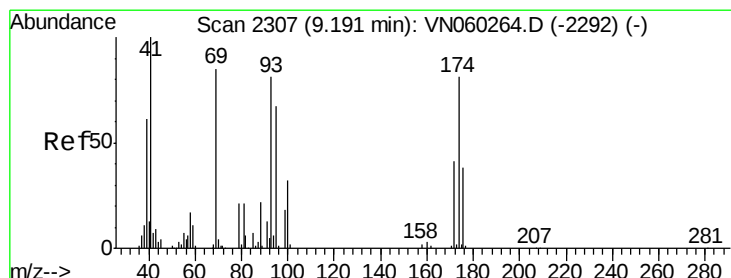
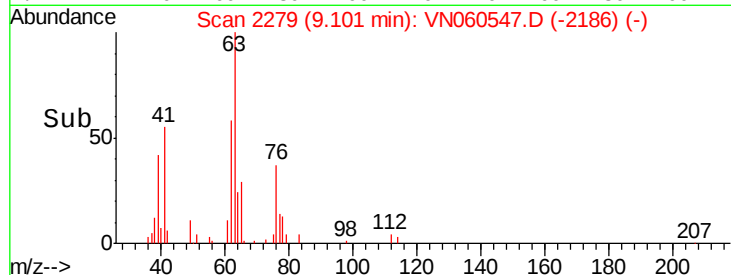
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.427 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

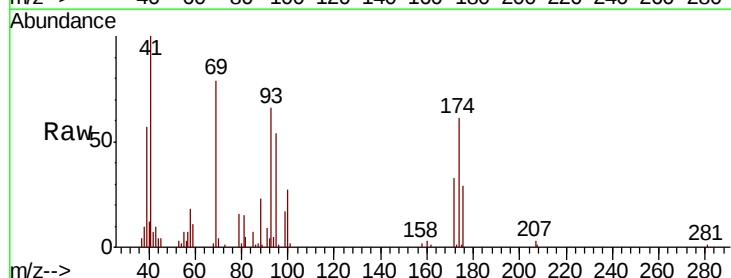
Tgt Ion: 93 Resp: 28599

Ion Ratio Lower Upper

93 100

95 80.2 65.9 98.9

174 95.5 79.6 119.4



Abundance Ion 92.80 (92.50 to 93.50): VN060264.D (-2292) (-)

Ion 94.80 (94.50 to 95.50): VN060264.D (-2292) (-)

Ion 173.70 (173.40 to 174.40): VN060264.D (-2292) (-)

15000

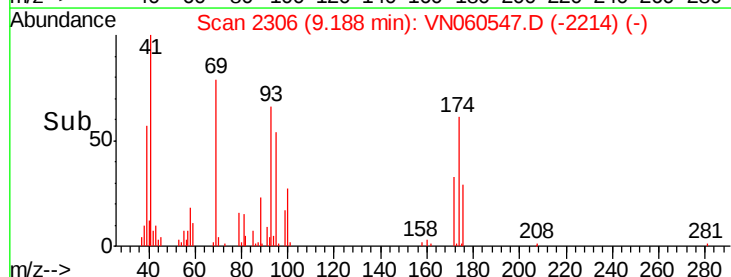
10000

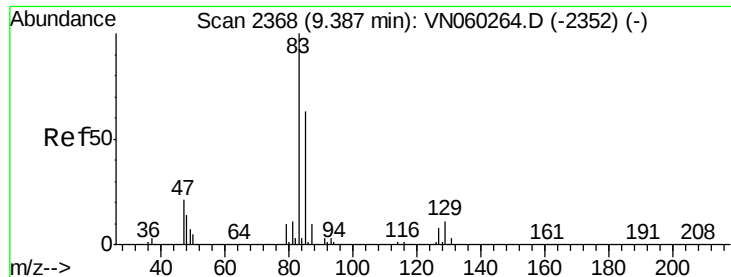
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 18.967 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

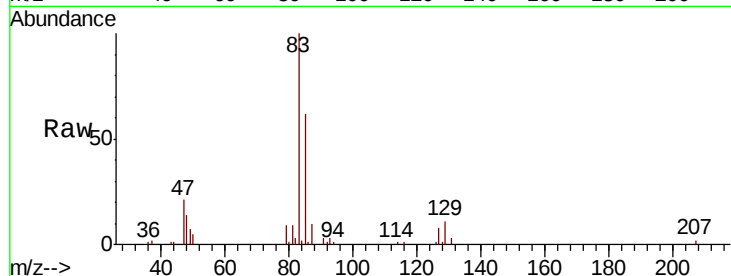
Tot Ion: 83 Resp: 59868

Ion Ratio Lower Upper

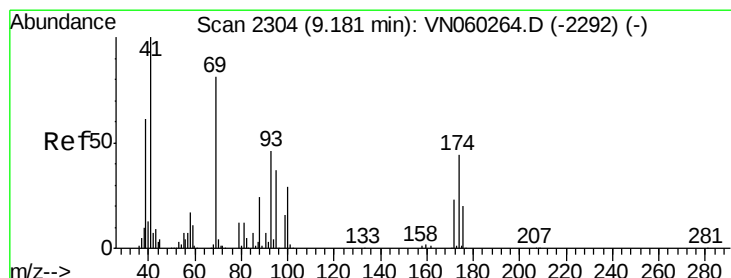
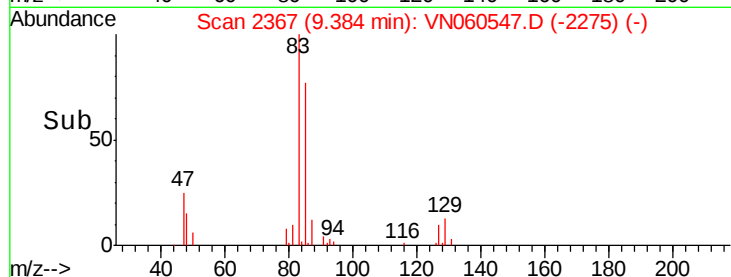
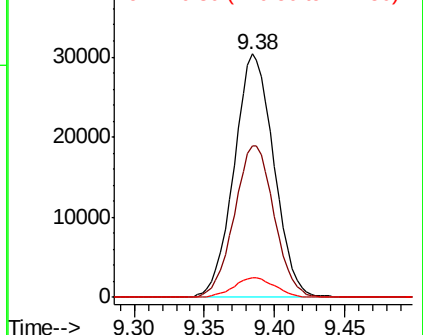
83 100

85 62.5 50.7 76.1

127 7.9 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): V



#48

Methyl methacrylate

Concen: 18.899 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

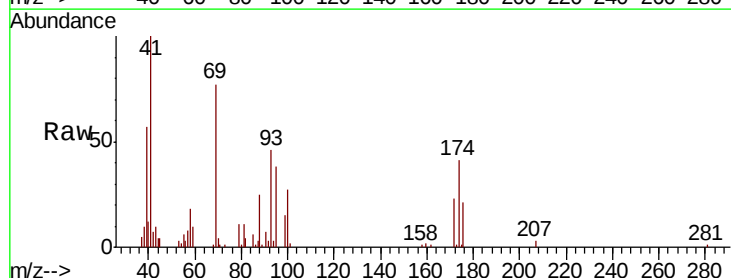
Tgt Ion: 41 Resp: 44904

Ion Ratio Lower Upper

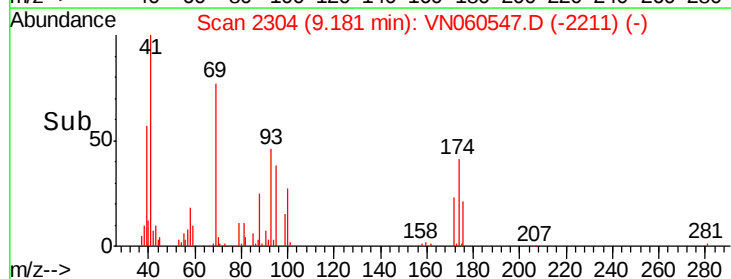
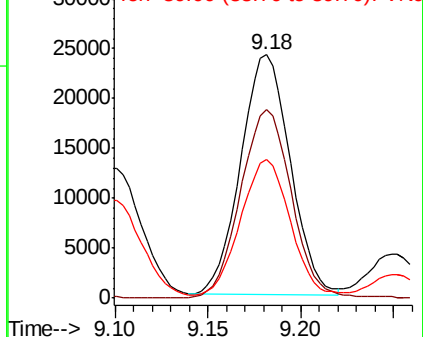
41 100

69 80.3 66.7 100.1

39 58.9 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

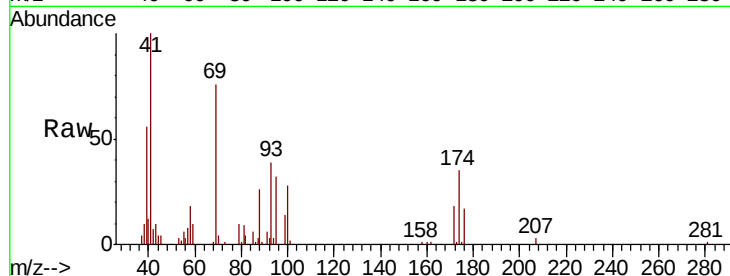




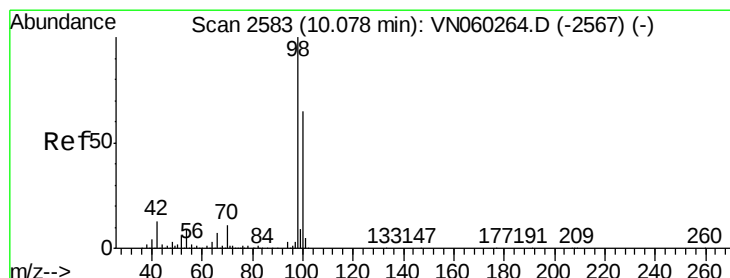
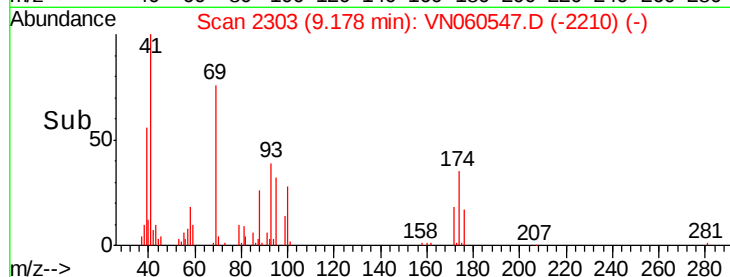
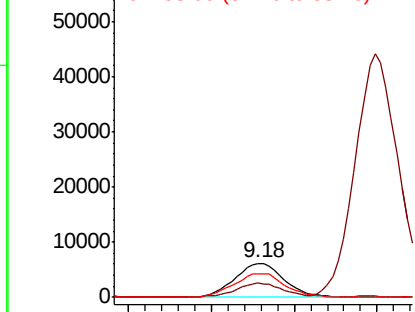
#49
1,4-Dioxane
Concen: 377.917 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tot Ion: 88 Resp: 12627
Ion Ratio Lower Upper
88 100
43 39.8 30.4 45.6
58 72.3 57.0 85.6

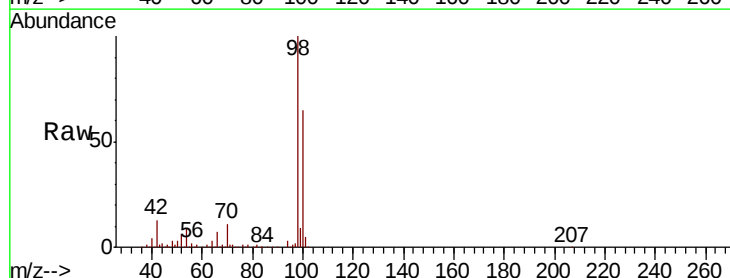


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

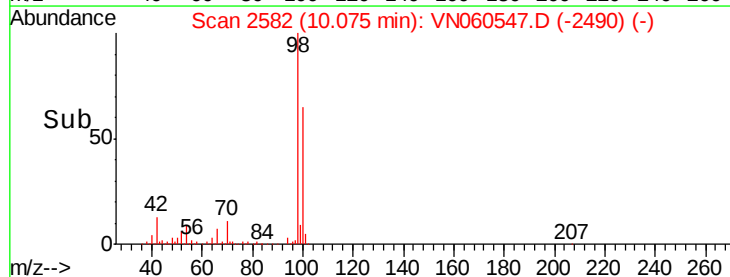
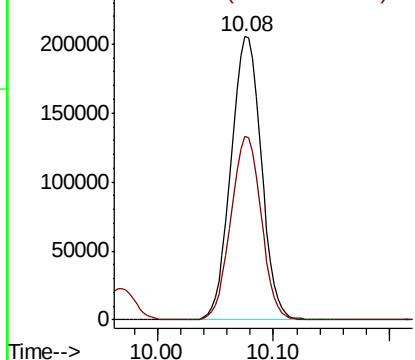


#50
Toluene-d8
Concen: 47.873 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion: 98 Resp: 370905
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 102.860 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

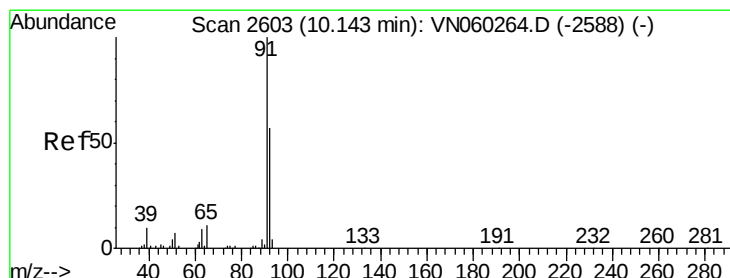
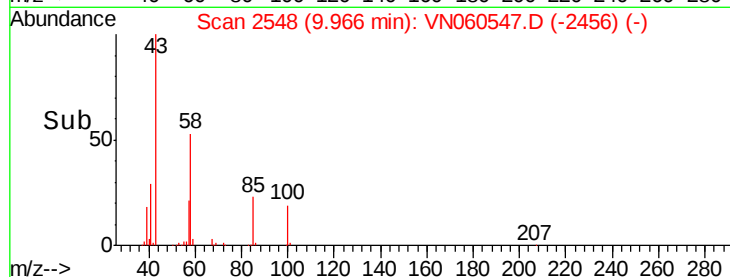
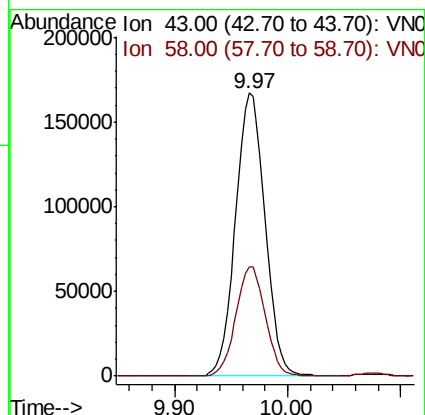
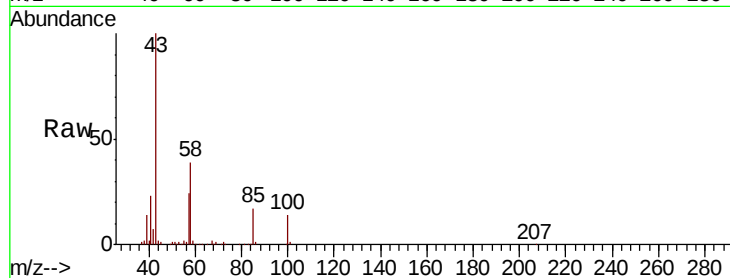
VN0317WBSD01

Tot Ion: 43 Resp: 303861

Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3



#52

Toluene

Concen: 17.472 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060547.D

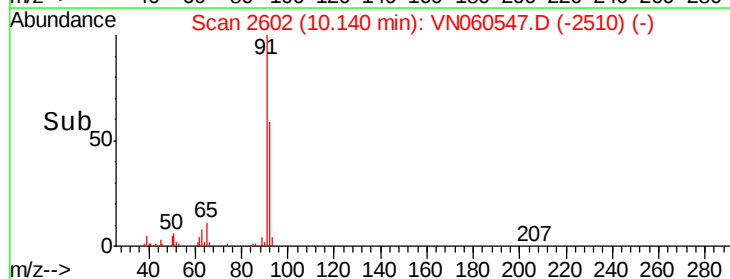
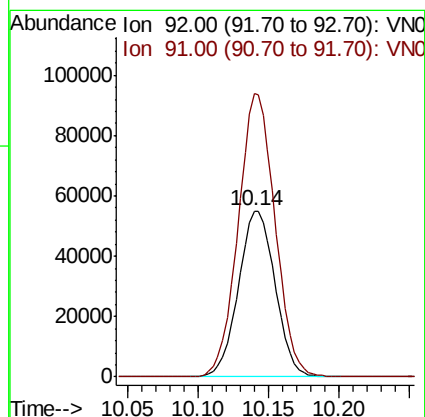
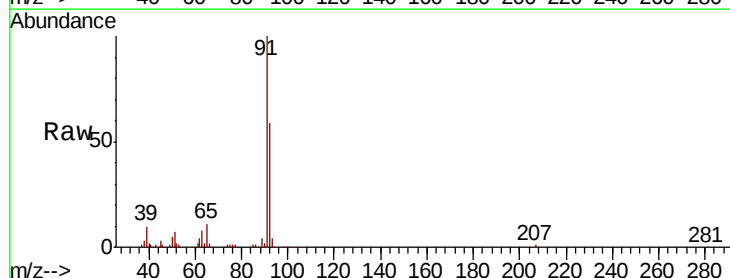
Acq: 17 Mar 2020 11:39

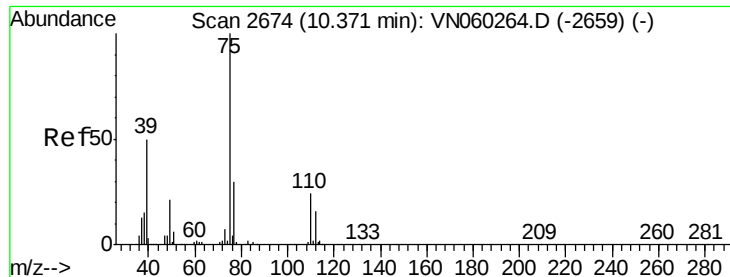
Tgt Ion: 92 Resp: 100404

Ion Ratio Lower Upper

92 100

91 170.9 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 18.182 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

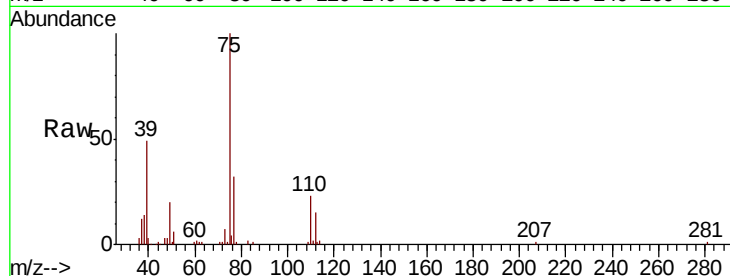
VN0317WBSD01

Tot Ion: 75 Resp: 70324

Ion Ratio Lower Upper

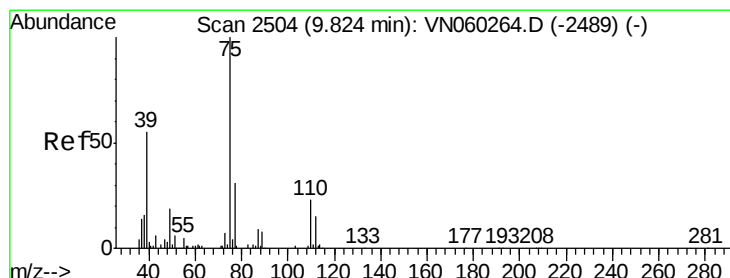
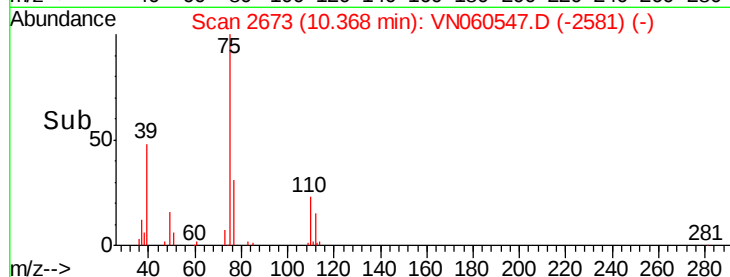
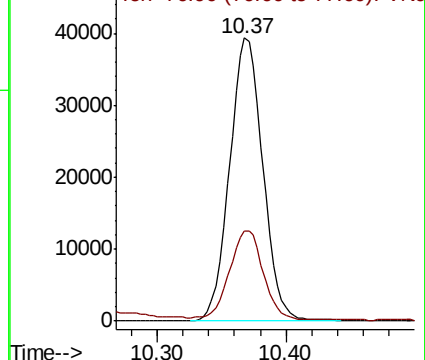
75 100

77 31.3 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: 18.455 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

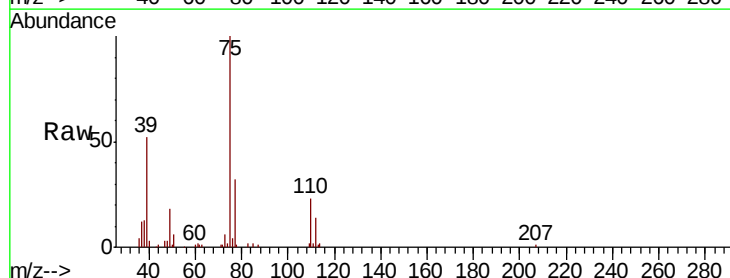
Tgt Ion: 75 Resp: 73965

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

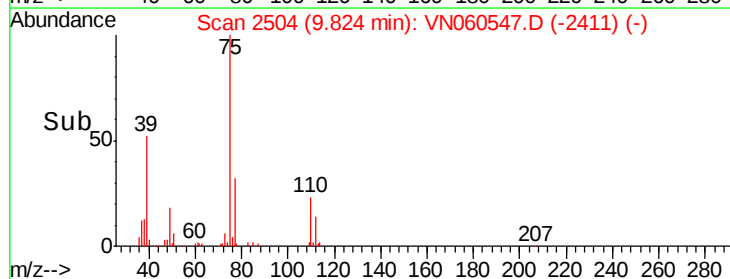
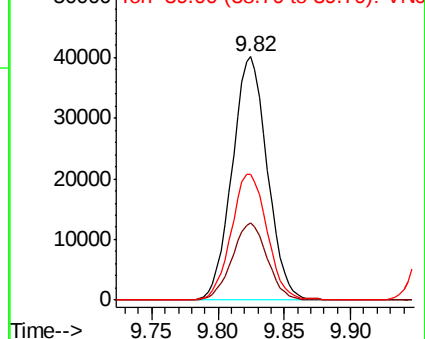
39 51.6 43.8 65.8

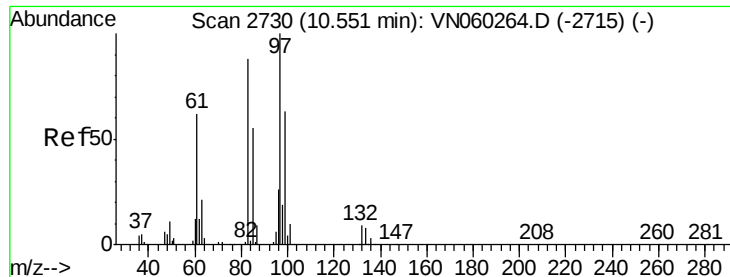


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

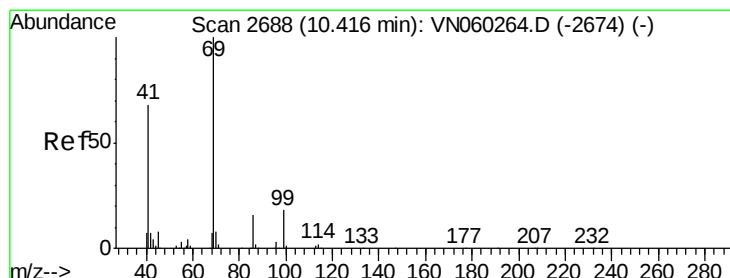
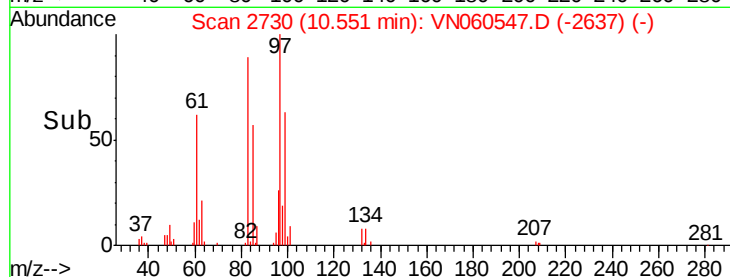
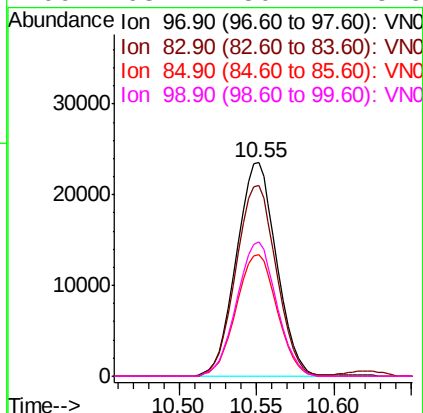
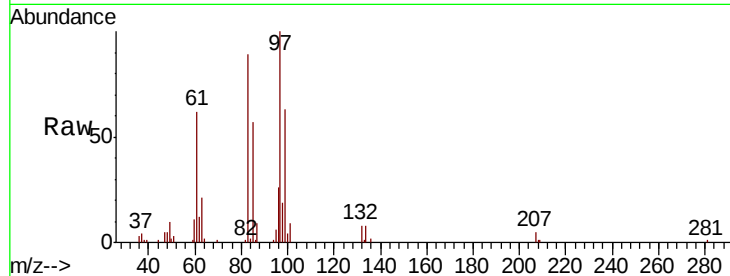




#55
 1,1,2-Trichloroethane
 Concen: 18.403 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

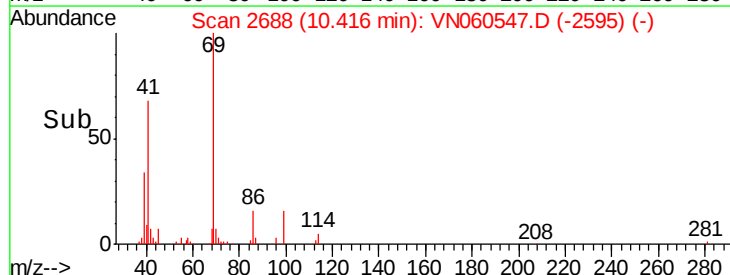
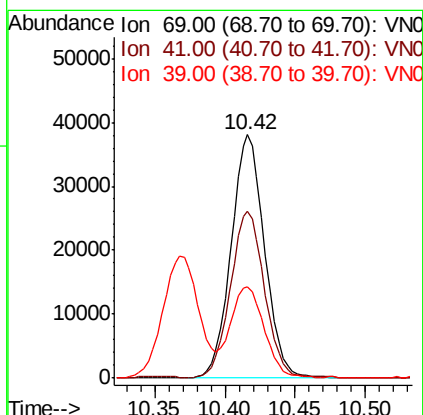
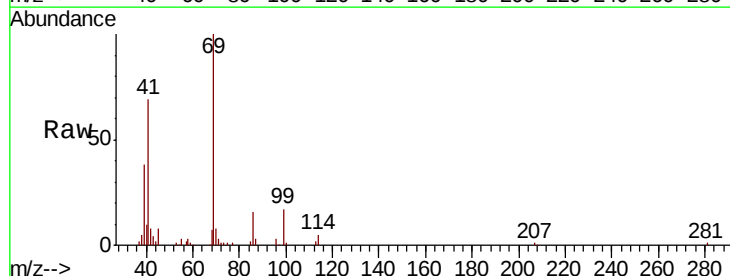
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

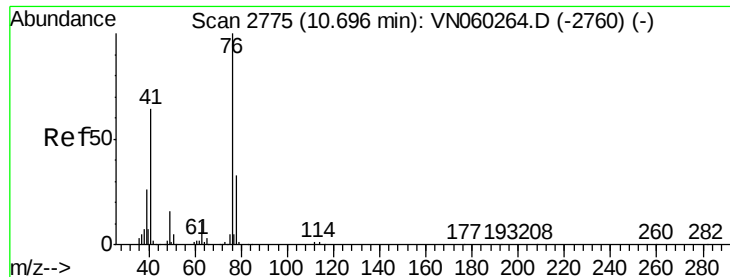
Tot Ion:	97	Resp:	42528
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.0	105.0
85	57.0	44.0	66.0
99	63.2	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 18.977 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Tgt Ion:	69	Resp:	63005
Ion	Ratio	Lower	Upper
69	100		
41	70.5	54.1	81.1
39	37.9	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.217 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

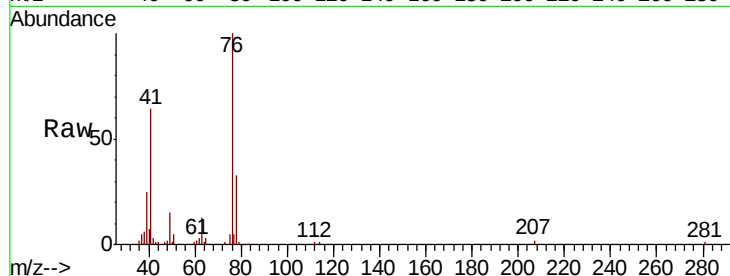
VN0317WBSD01

Tot Ion: 76 Resp: 72425

Ion Ratio Lower Upper

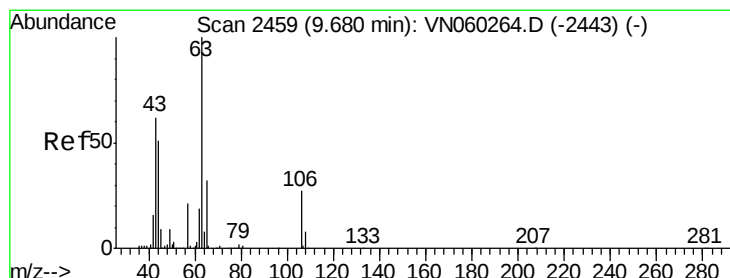
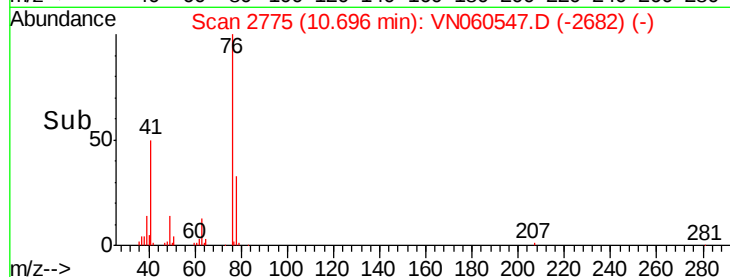
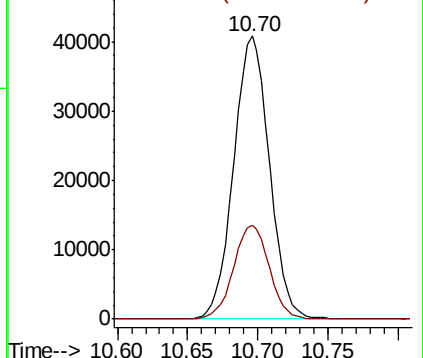
76 100

78 32.9 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 92.814 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060547.D

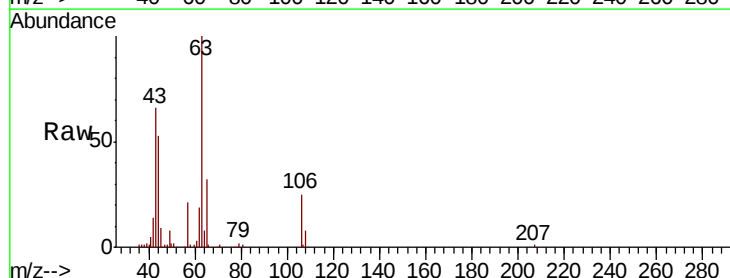
Acq: 17 Mar 2020 11:39

Tgt Ion: 63 Resp: 161162

Ion Ratio Lower Upper

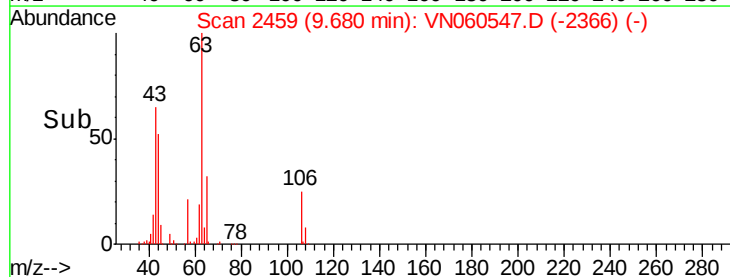
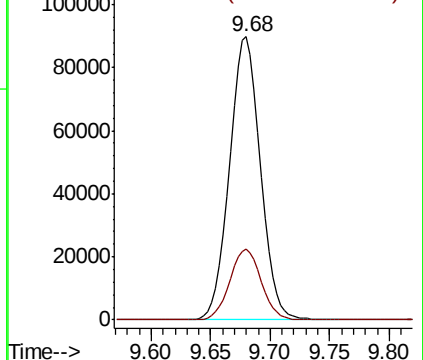
63 100

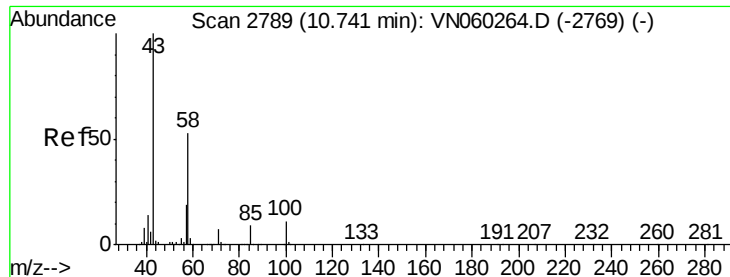
106 25.4 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

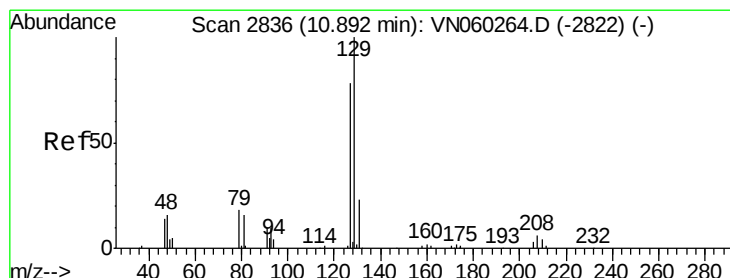
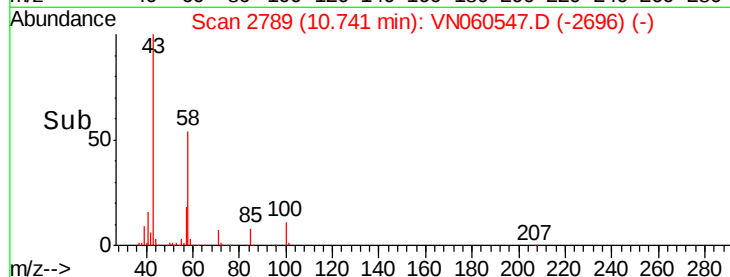
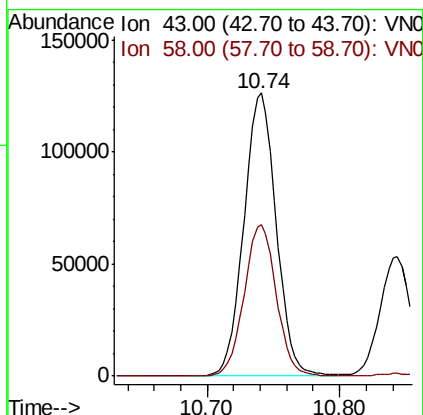
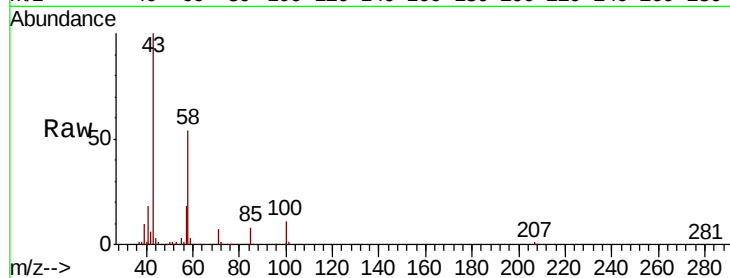




#59
2-Hexanone
Concen: 98.595 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

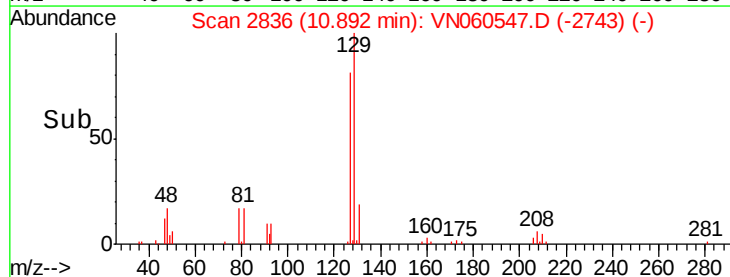
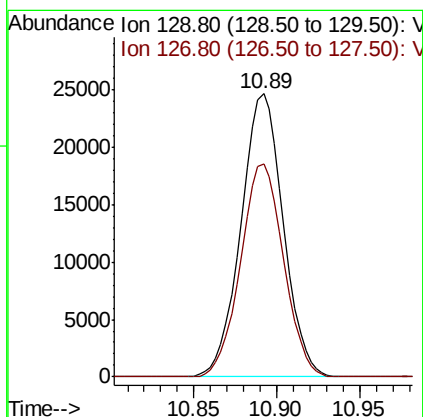
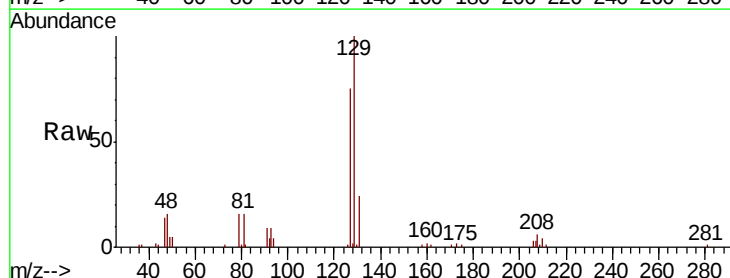
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tot Ion: 43 Resp: 213851
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.5



#60
Dibromochloromethane
Concen: 18.592 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion: 129 Resp: 43694
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.121 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

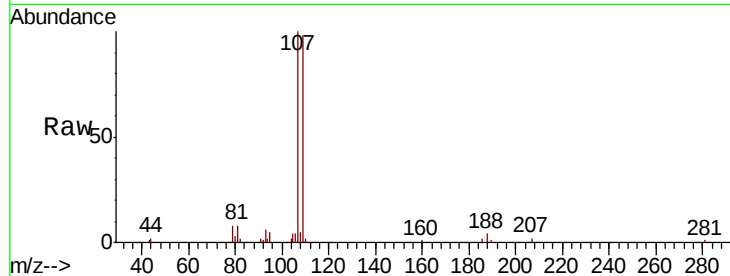
VN0317WBSD01

Tot Ion:107 Resp: 40822

Ion Ratio Lower Upper

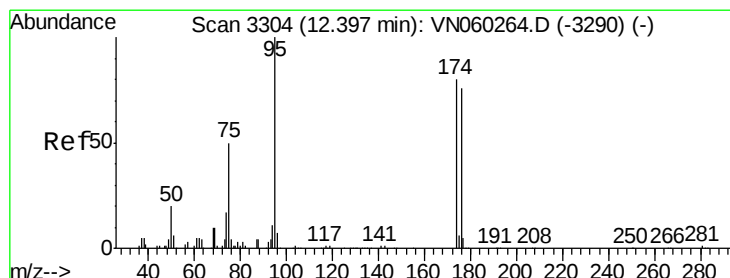
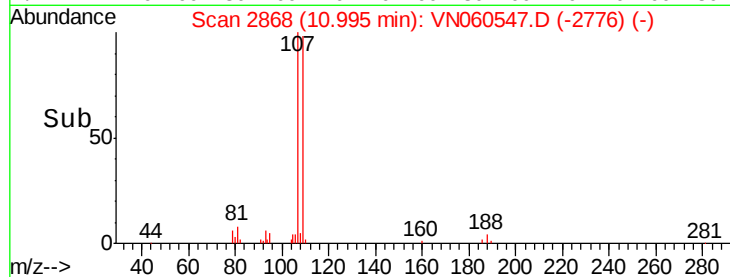
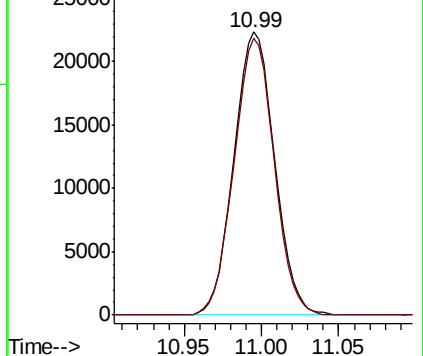
107 100

109 96.3 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: 47.642 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

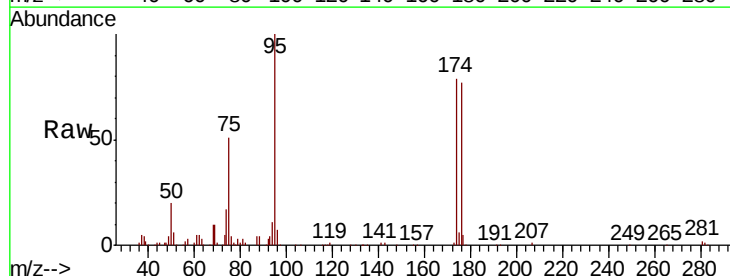
Tgt Ion: 95 Resp: 139921

Ion Ratio Lower Upper

95 100

174 77.4 0.0 159.2

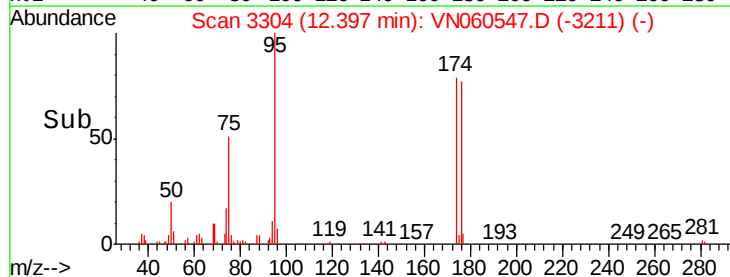
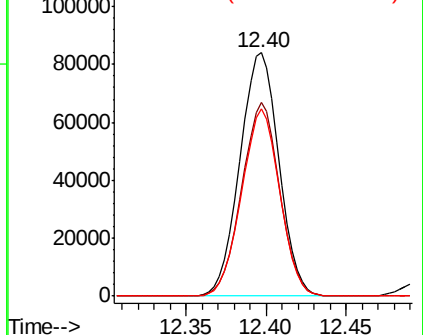
176 75.3 0.0 153.8



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

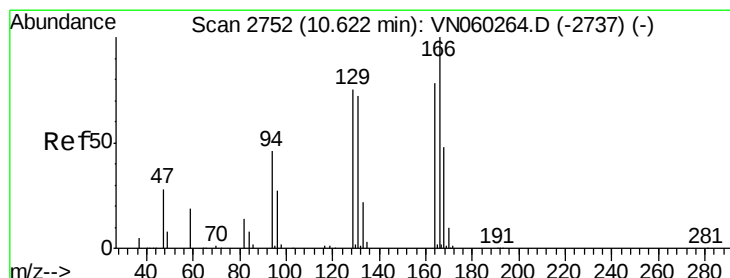
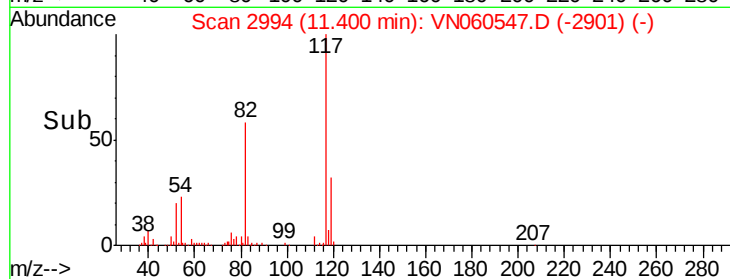
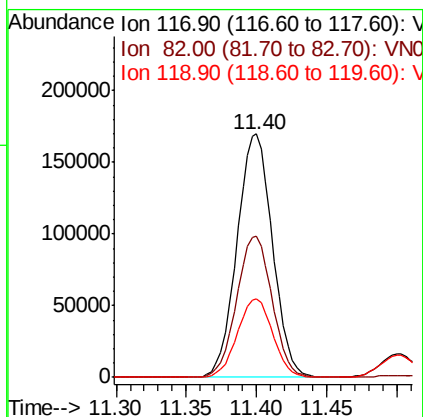
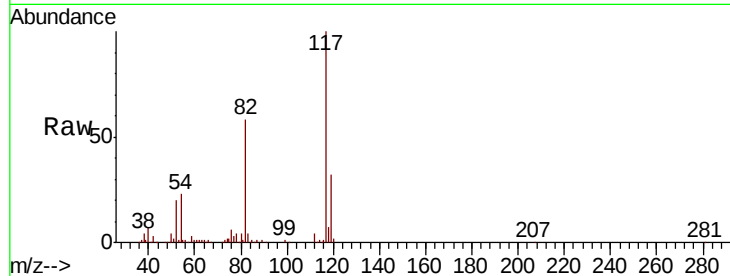




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

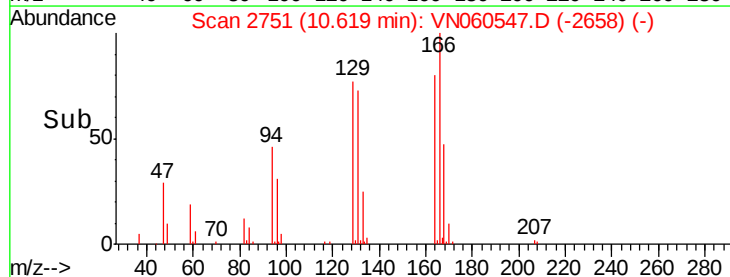
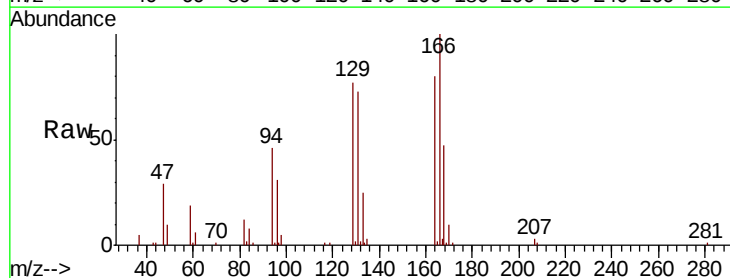
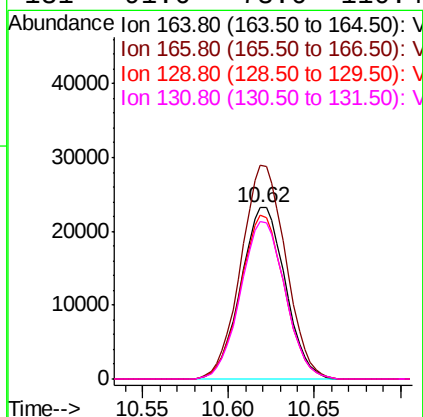
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

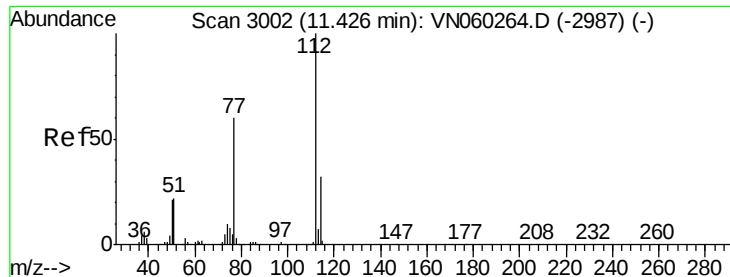
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.8	68.6
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 16.704 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	102.0	153.0
129	95.5	76.4	114.6
131	91.6	73.6	110.4





#65

Chlorobenzene

Concen: 17.578 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

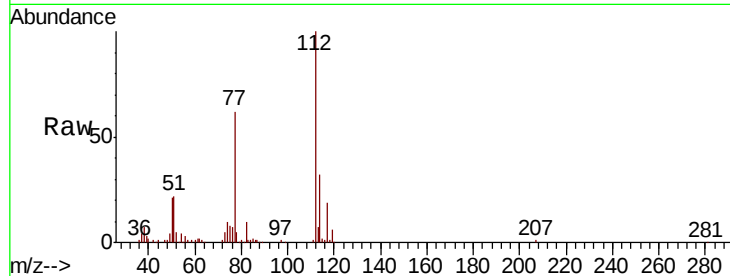
VN0317WBSD01

Tot Ion:112 Resp: 106229

Ion Ratio Lower Upper

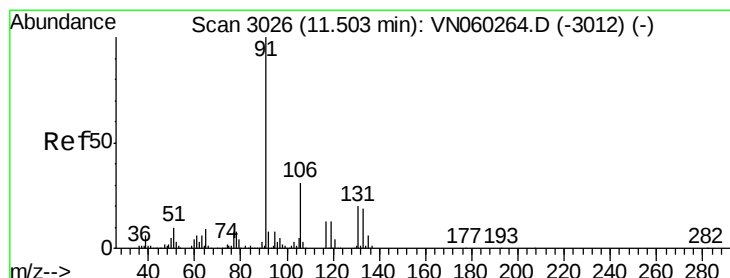
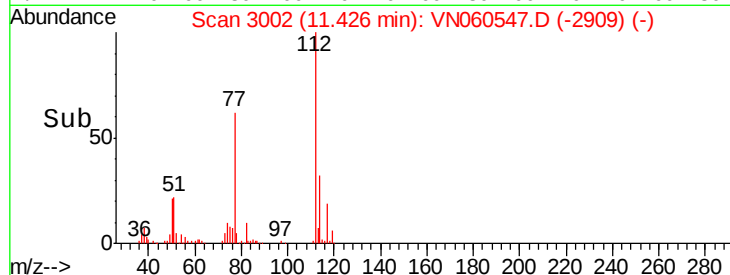
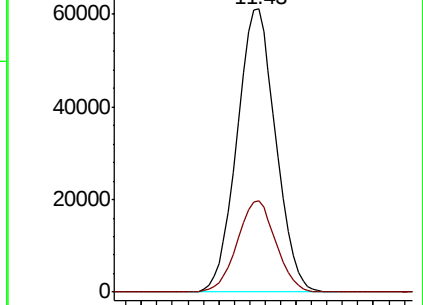
112 100

114 32.5 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: 18.224 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

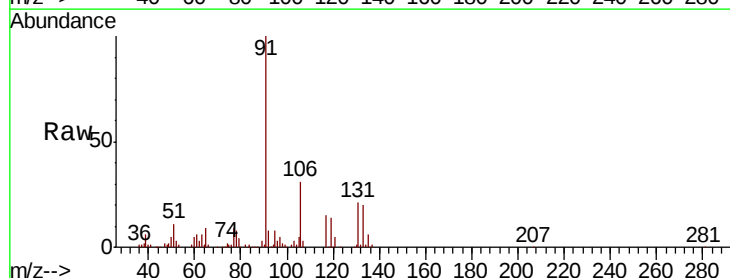
Tgt Ion:131 Resp: 40722

Ion Ratio Lower Upper

131 100

133 97.1 47.7 143.1

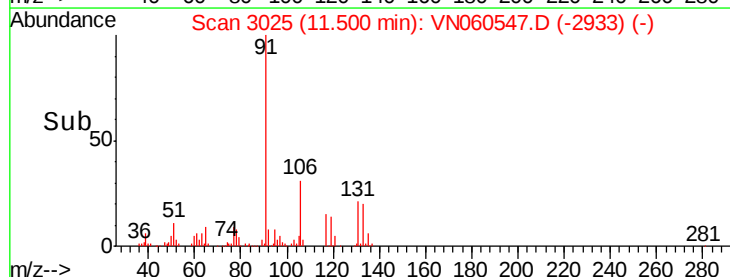
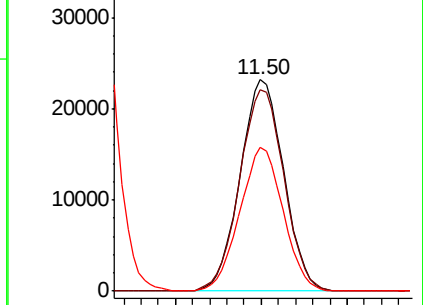
119 67.5 33.2 99.6

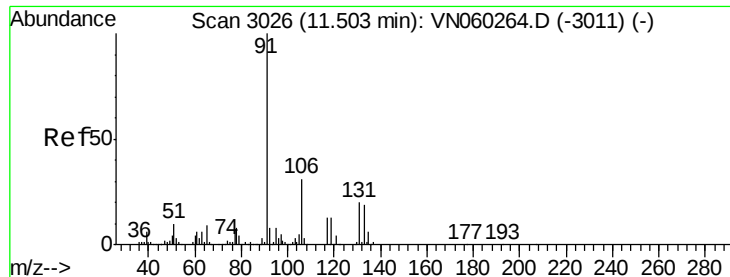


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.460 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

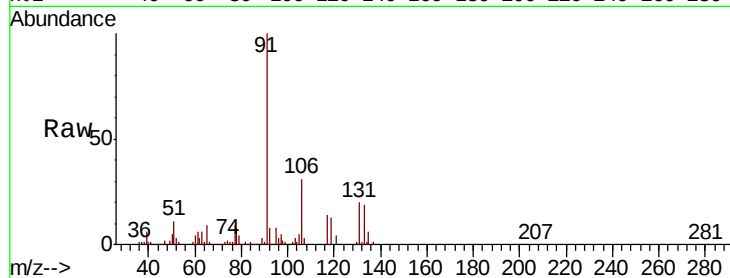
VN0317WBSD01

Tot Ion: 91 Resp: 192159

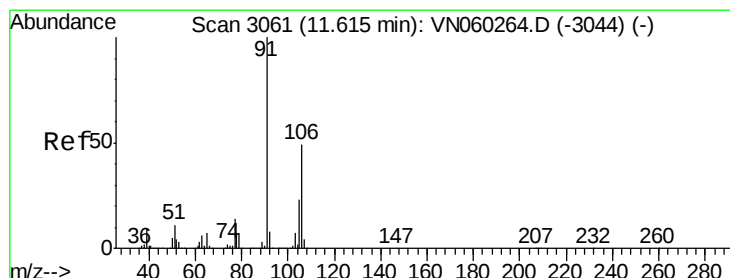
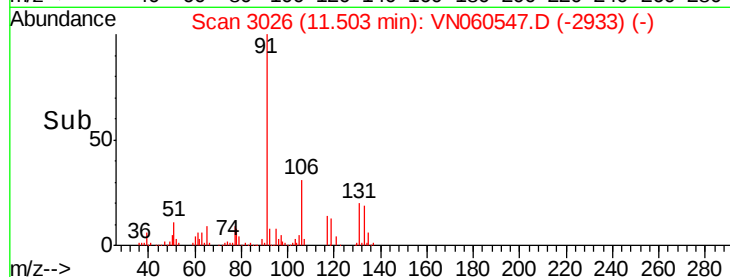
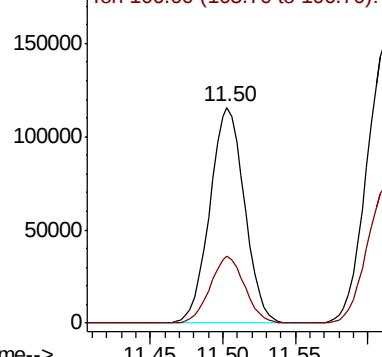
Ion Ratio Lower Upper

91 100

106 30.9 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3011) (-)



#68

m/p-Xylenes

Concen: 34.427 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060547.D

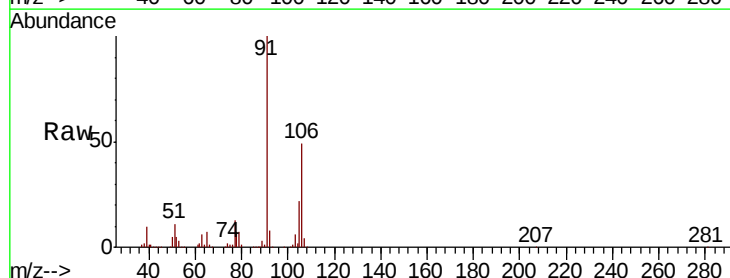
Acq: 17 Mar 2020 11:39

Tgt Ion: 106 Resp: 142950

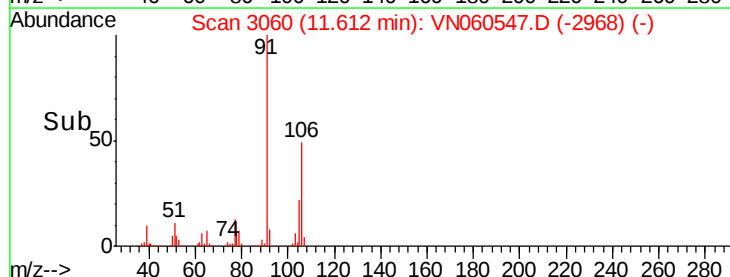
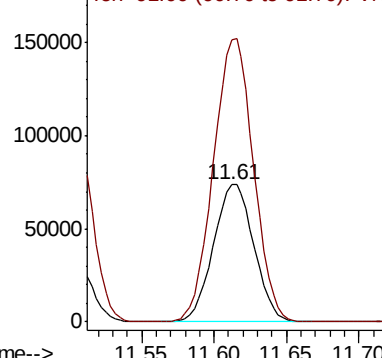
Ion Ratio Lower Upper

106 100

91 205.2 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060264.D (-3044) (-)

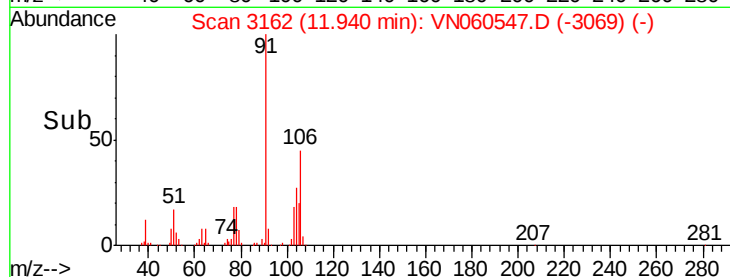
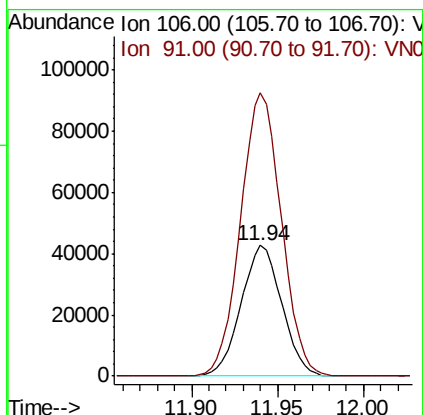
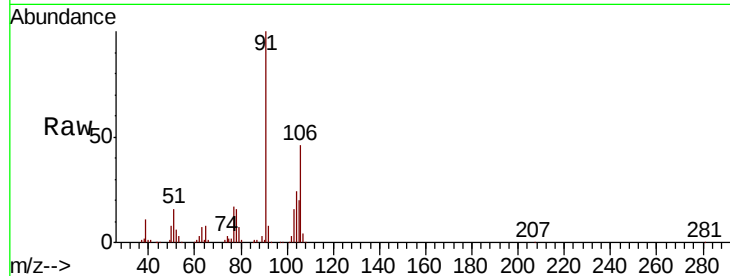




#69
o-Xylene
Concen: 17.741 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

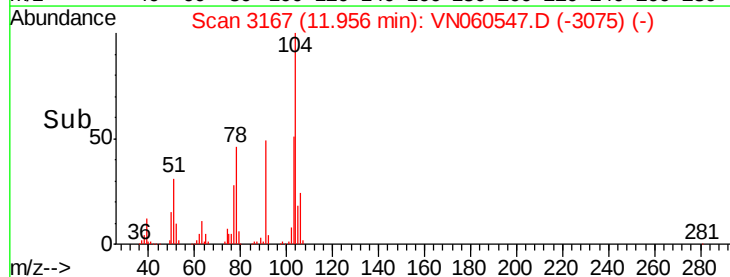
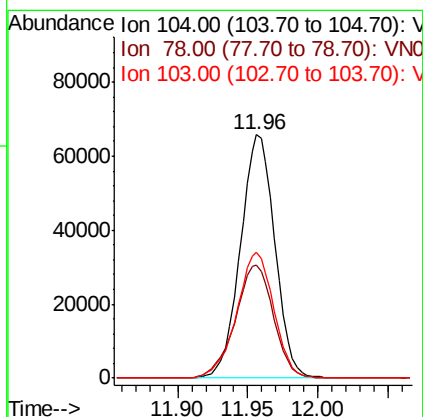
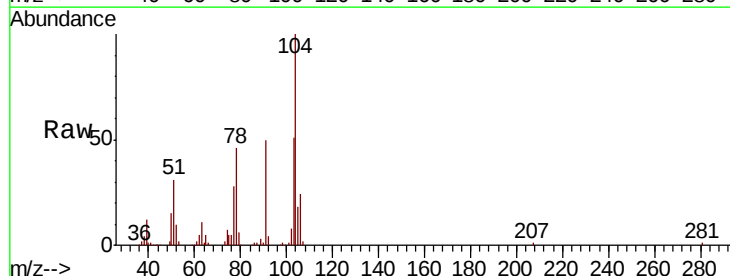
Instrument :
MSVOA_N
ClientSampled :
VN0317WBSD01

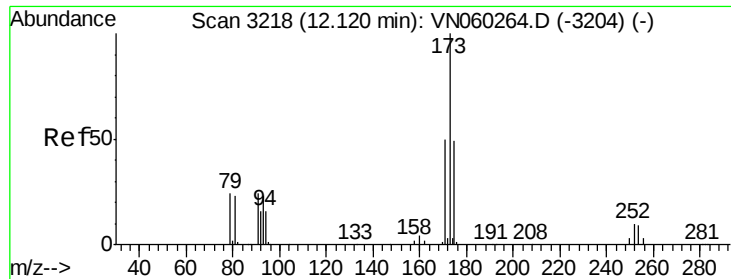
Tot Ion:106 Resp: 70246
Ion Ratio Lower Upper
106 100
91 217.1 109.5 328.4



#70
Styrene
Concen: 17.300 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion:104 Resp: 112621
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 55.4 43.9 65.9

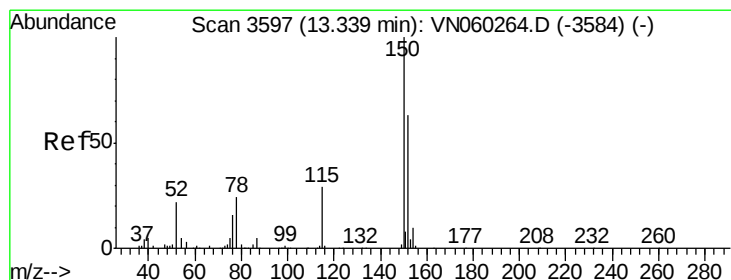
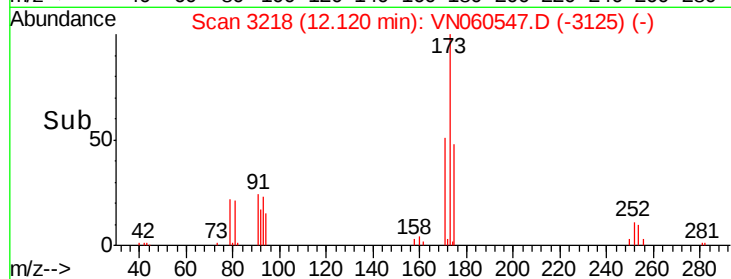
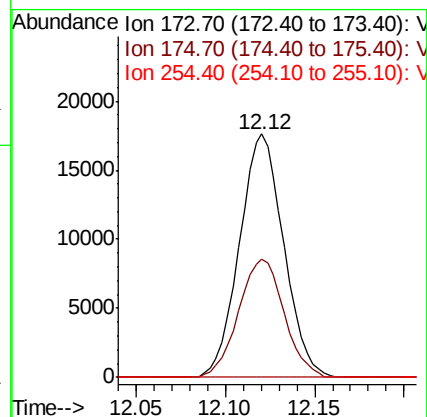
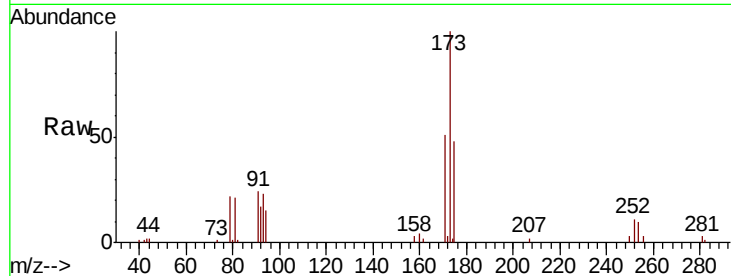




#71
Bromoform
Concen: 18.891 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

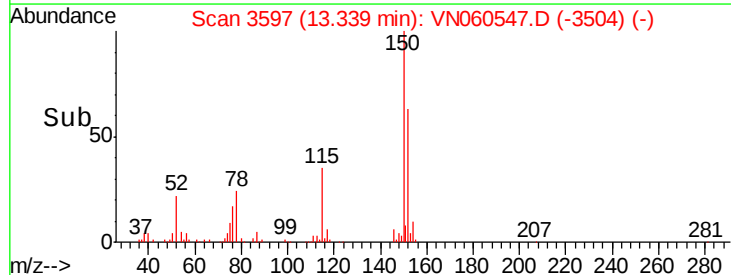
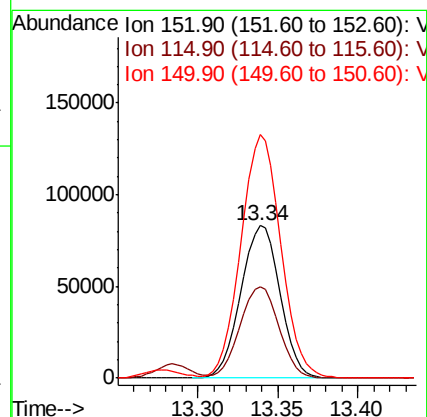
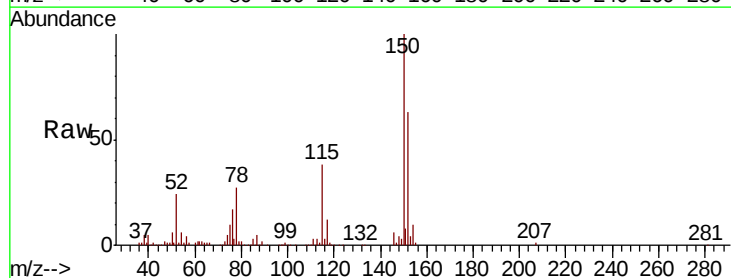
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

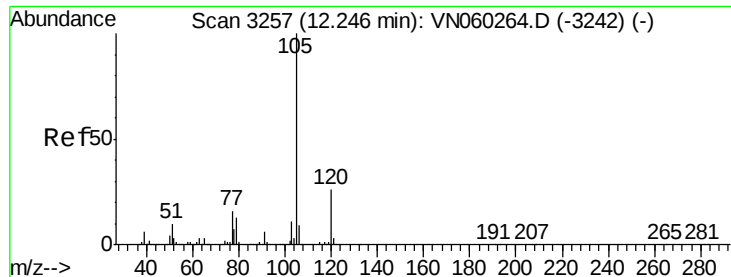
Tot Ion:173 Resp: 30422
Ion Ratio Lower Upper
173 100
175 49.9 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion:152 Resp: 138871
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 163.2 0.0 349.6





#73

Isopropylbenzene

Concen: 18.231 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

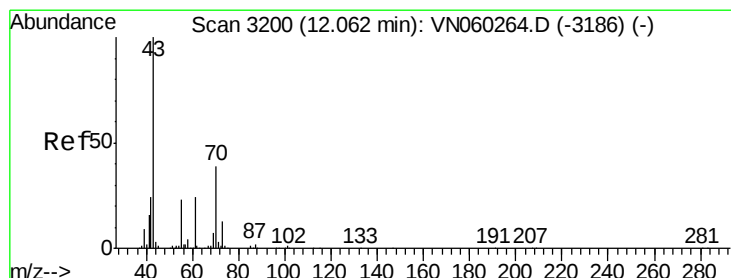
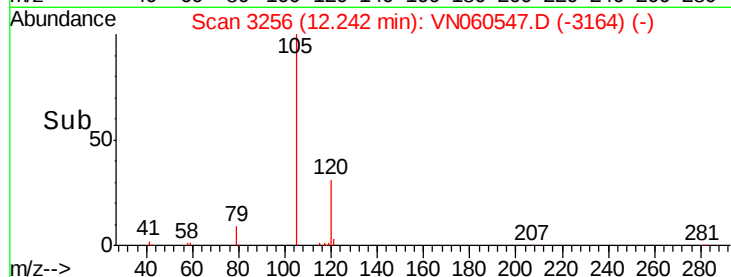
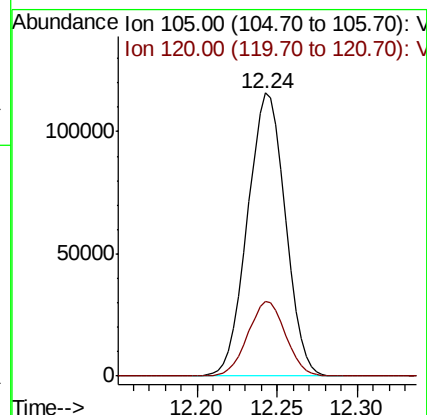
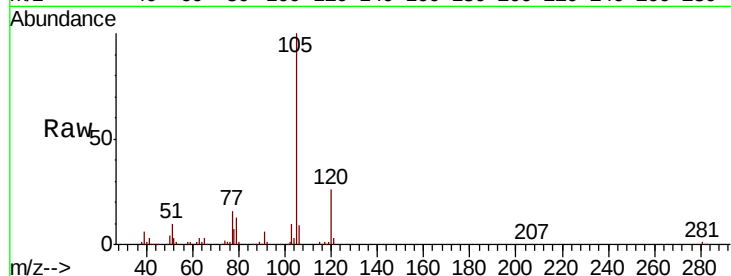
VN0317WBSD01

Tot Ion:105 Resp: 187652

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 18.952 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Tgt Ion: 43 Resp: 85243

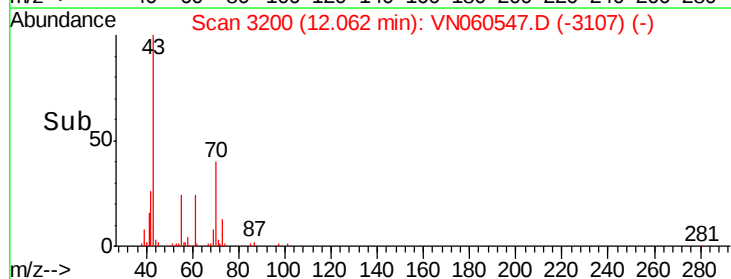
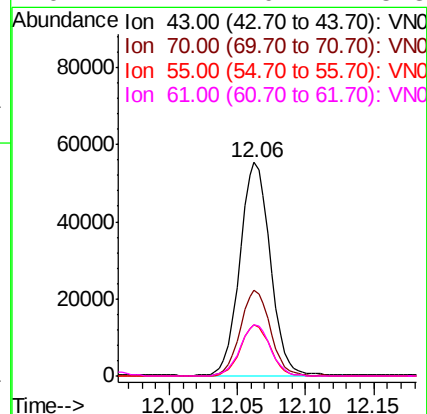
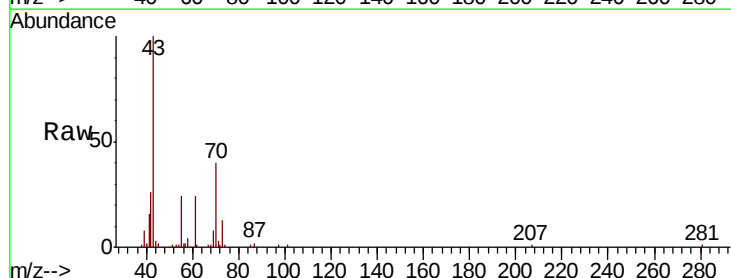
Ion Ratio Lower Upper

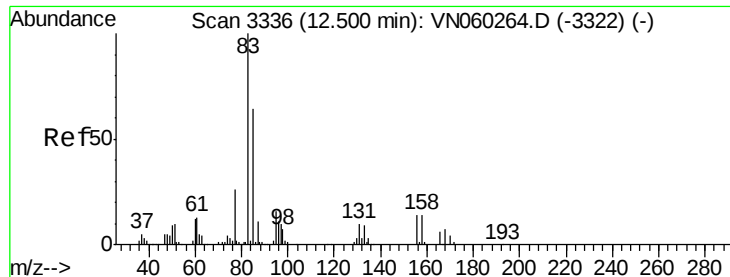
43 100

70 40.0 32.2 48.2

55 23.5 18.2 27.4

61 24.1 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.155 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

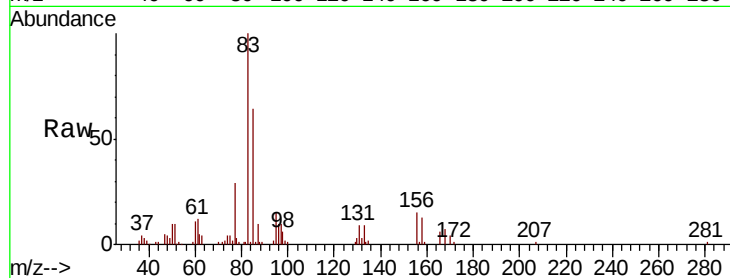
Tot Ion: 83 Resp: 59188

Ion Ratio Lower Upper

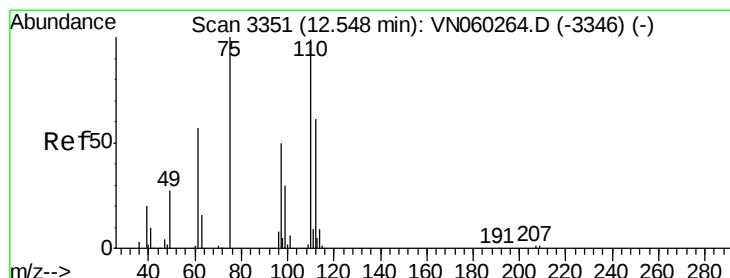
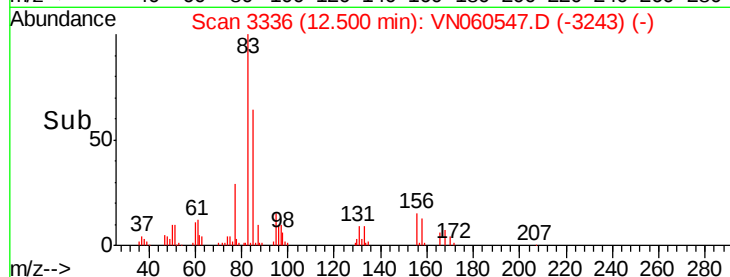
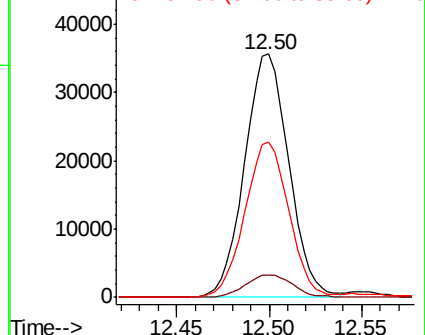
83 100

131 9.7 5.1 15.3

85 63.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.476 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060547.D

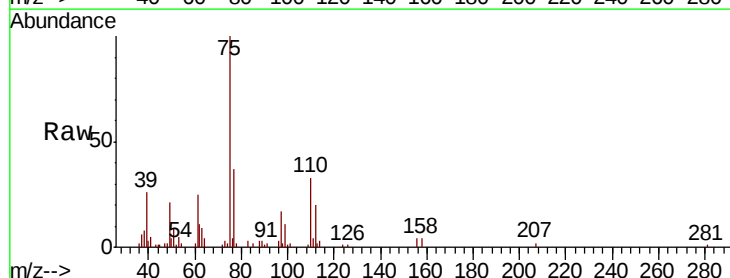
Acq: 17 Mar 2020 11:39

Tgt Ion: 75 Resp: 80668

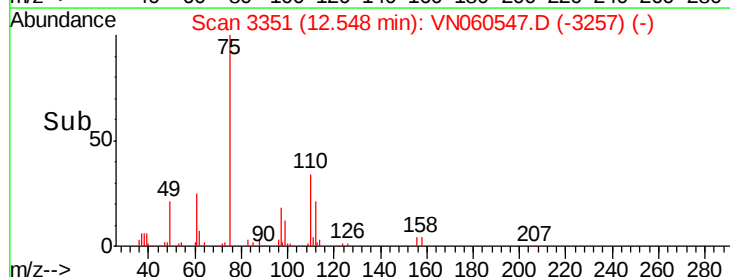
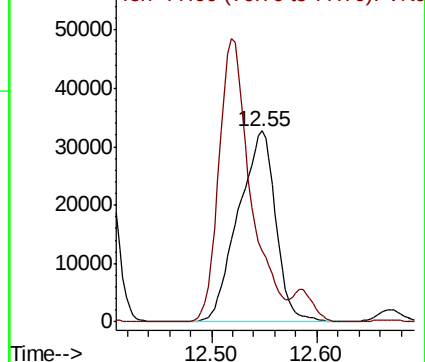
Ion Ratio Lower Upper

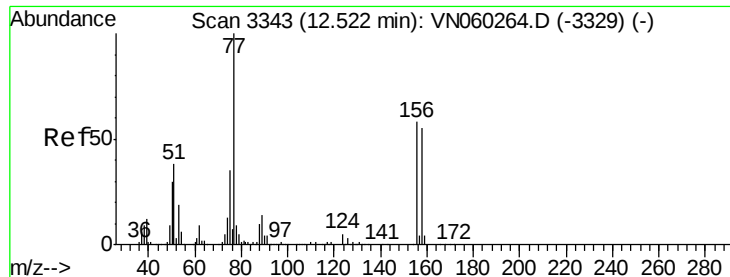
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.022 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

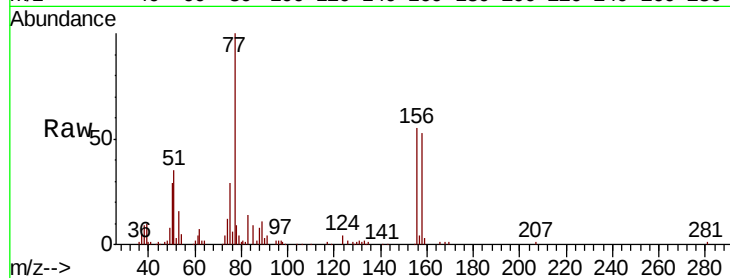
Tot Ion:156 Resp: 45471

Ion Ratio Lower Upper

156 100

77 222.3 106.1 318.3

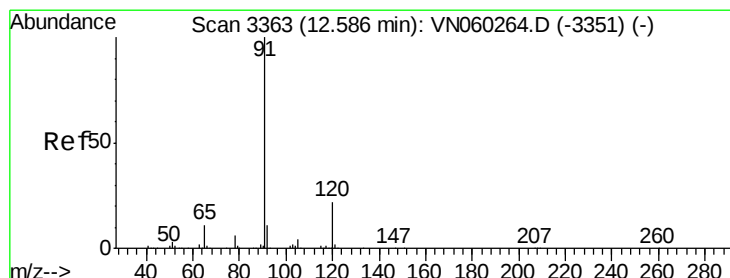
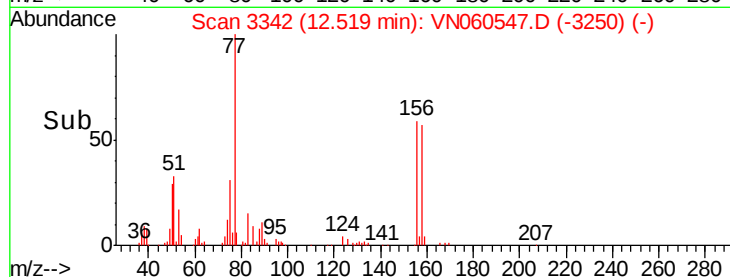
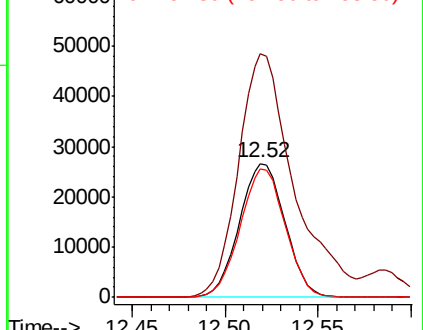
158 95.2 48.3 144.8



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: 18.077 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060547.D

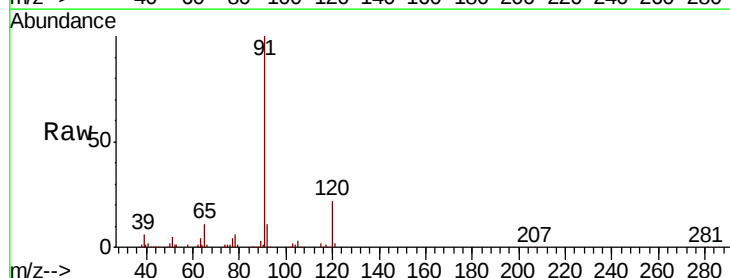
Acq: 17 Mar 2020 11:39

Tgt Ion: 91 Resp: 218109

Ion Ratio Lower Upper

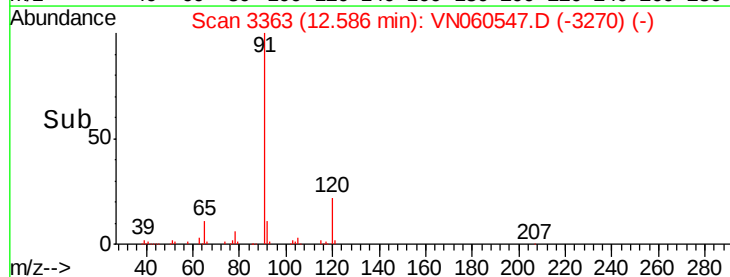
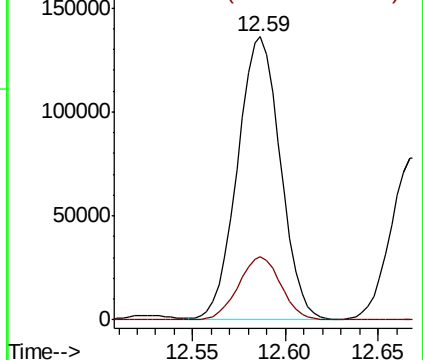
91 100

120 22.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

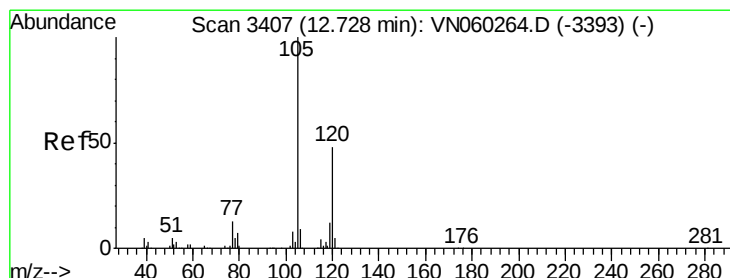
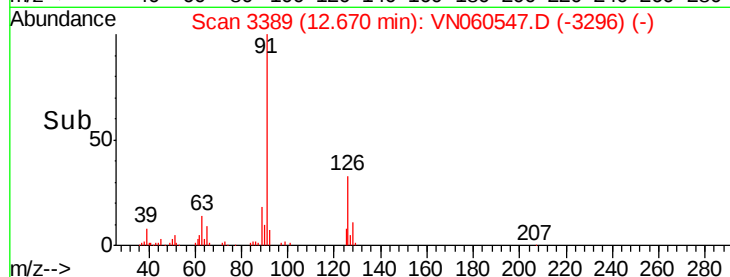
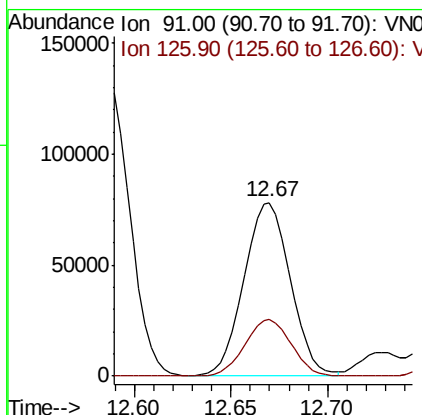
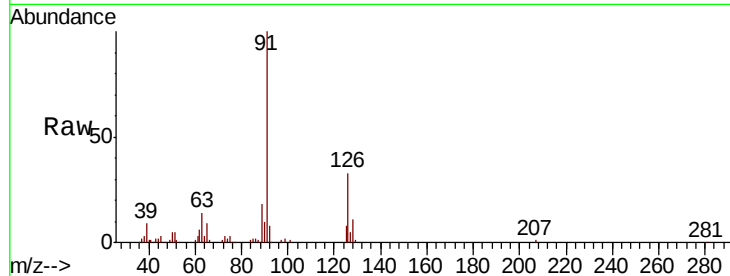




#79
 2-Chlorotoluene
 Concen: 18.342 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

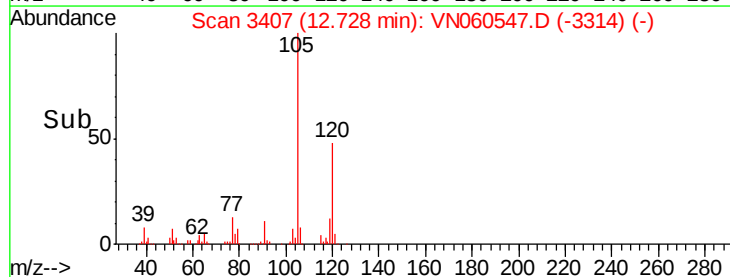
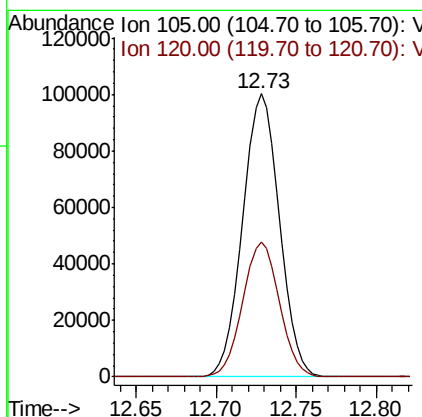
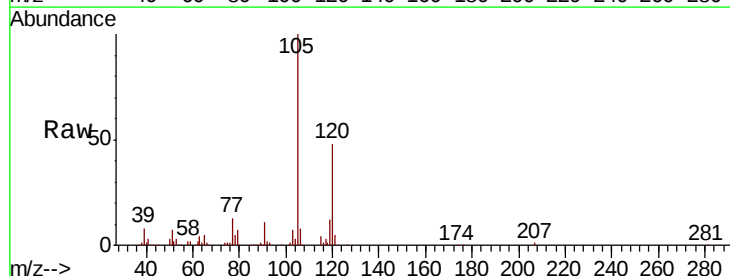
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Tot Ion: 91 Resp: 130087
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 18.100 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Tgt Ion: 105 Resp: 156861
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.295 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

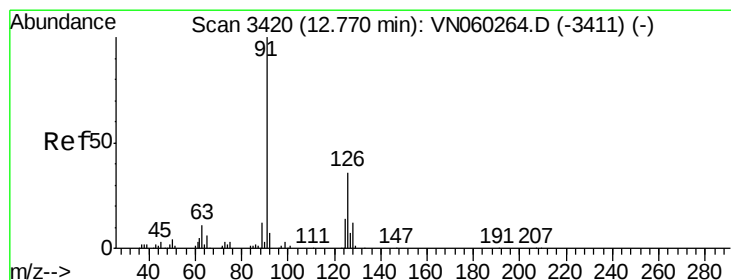
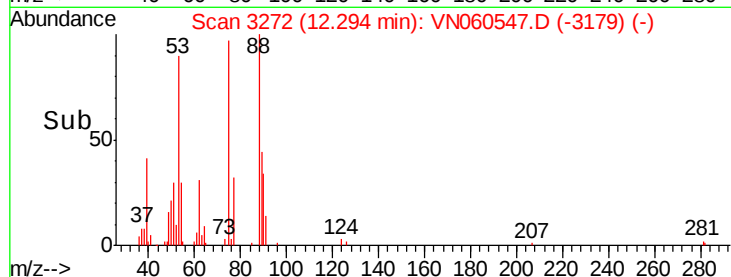
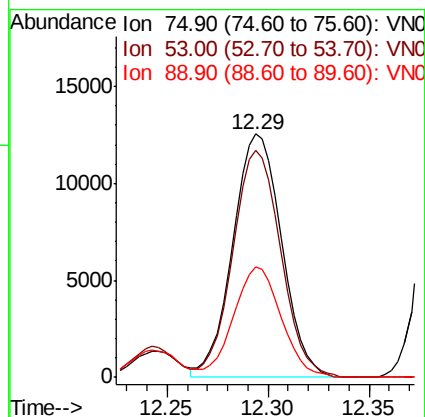
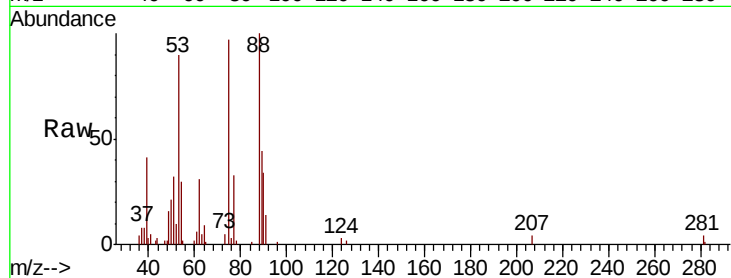
Tot Ion: 75 Resp: 21297

Ion Ratio Lower Upper

75 100

53 92.4 73.8 110.6

89 44.3 57.1 85.7#



#82

4-Chlorotoluene

Concen: 17.791 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060547.D

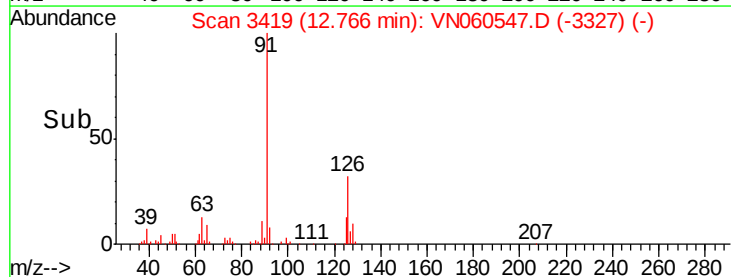
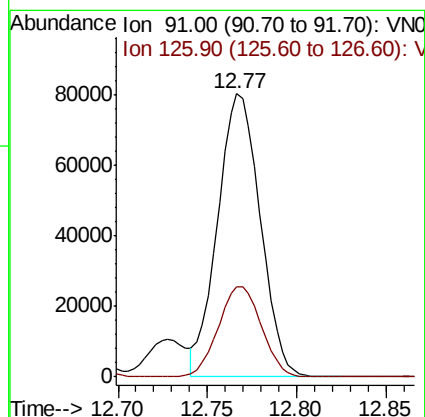
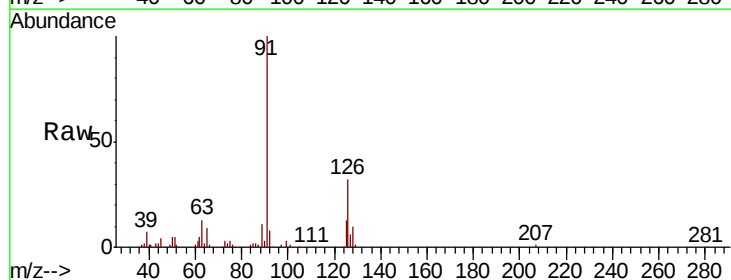
Acq: 17 Mar 2020 11:39

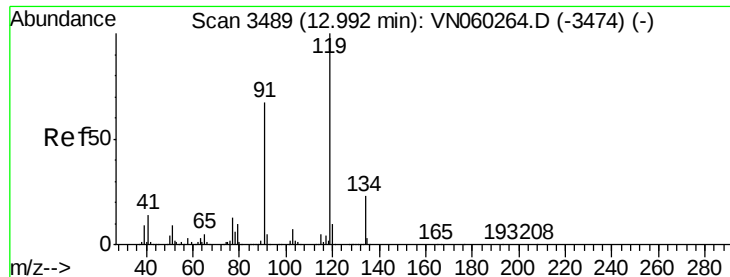
Tgt Ion: 91 Resp: 132938

Ion Ratio Lower Upper

91 100

126 32.3 16.7 50.1





#83

tert-Butylbenzene

Concen: 17.640 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

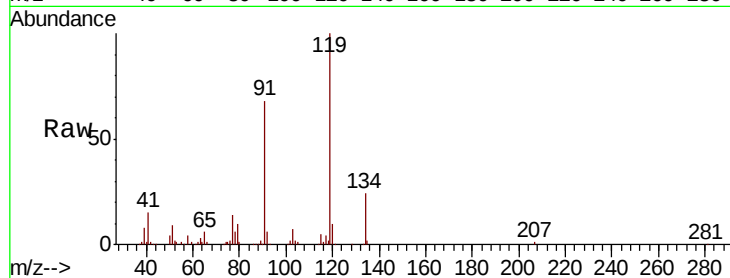
Tot Ion:119 Resp: 132358

Ion Ratio Lower Upper

119 100

91 67.7 33.1 99.2

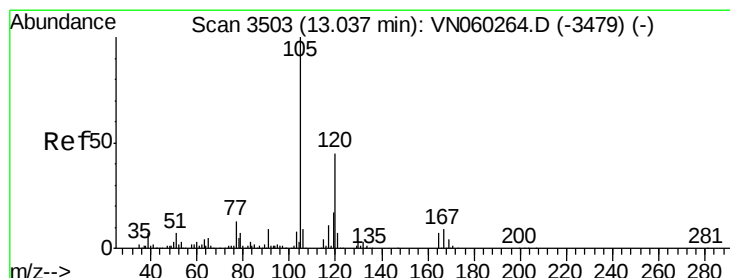
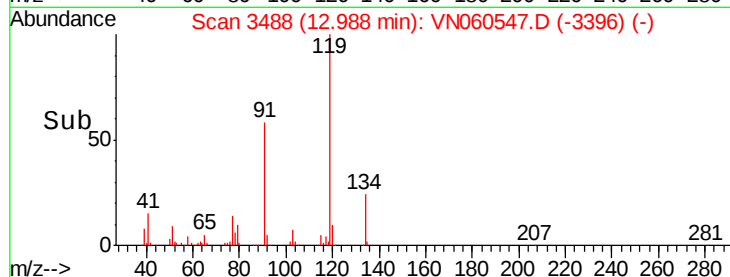
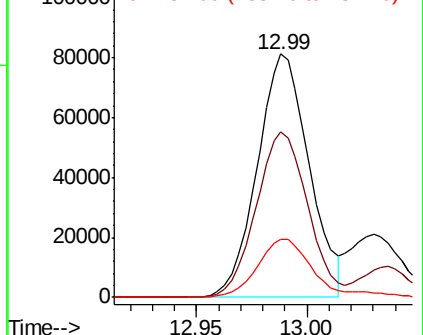
134 25.8 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.823 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060547.D

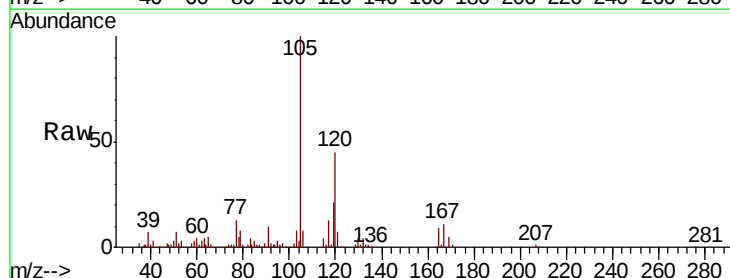
Acq: 17 Mar 2020 11:39

Tgt Ion:105 Resp: 155900

Ion Ratio Lower Upper

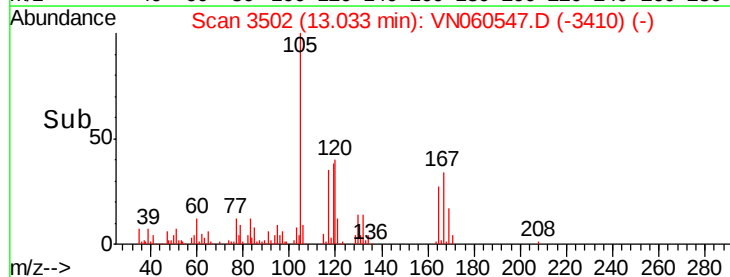
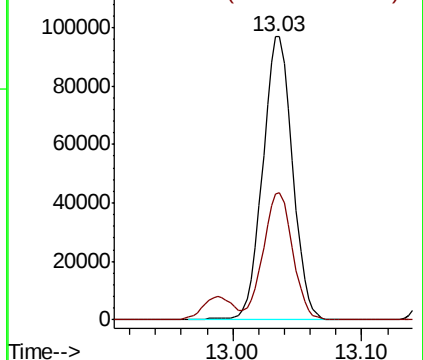
105 100

120 44.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.862 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

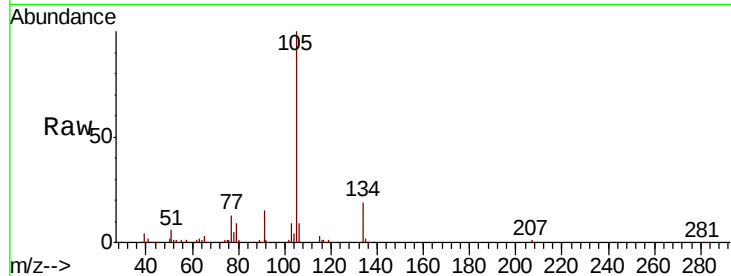
VN0317WBSD01

Tot Ion:105 Resp: 179471

Ion Ratio Lower Upper

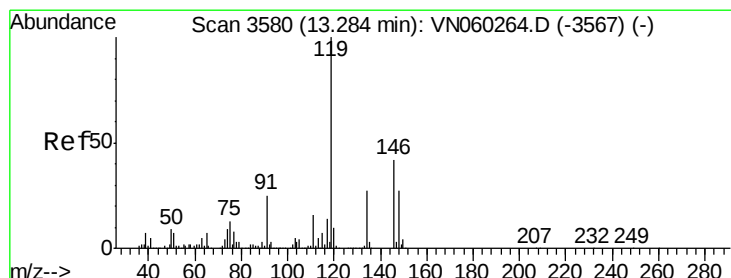
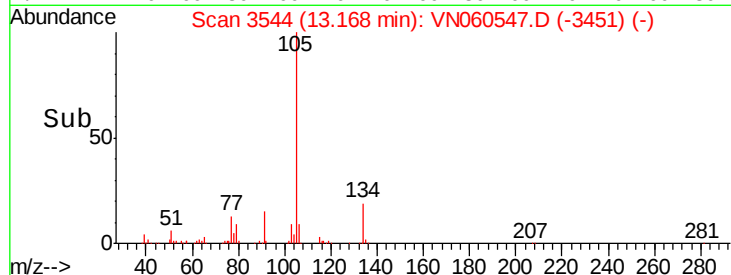
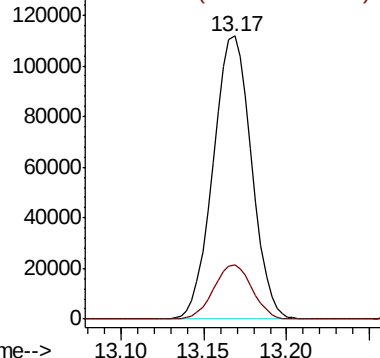
105 100

134 19.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.223 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

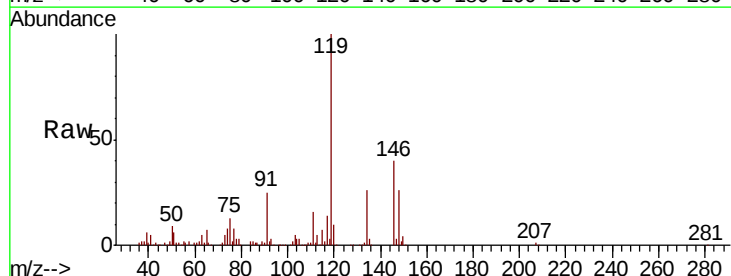
Tgt Ion:119 Resp: 160166

Ion Ratio Lower Upper

119 100

134 25.5 13.2 39.6

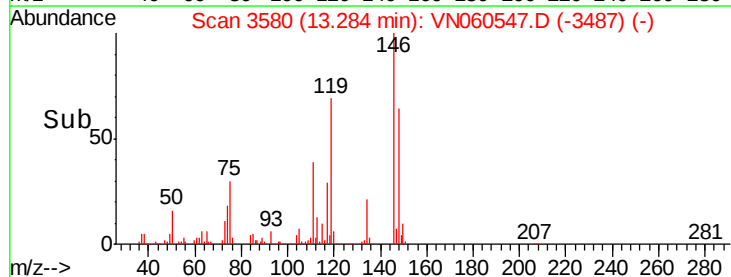
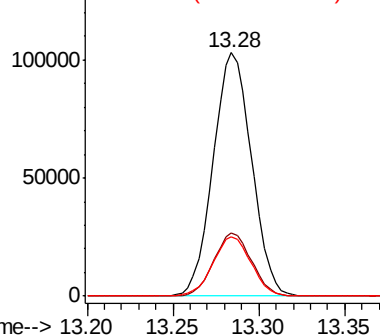
91 24.3 12.2 36.6

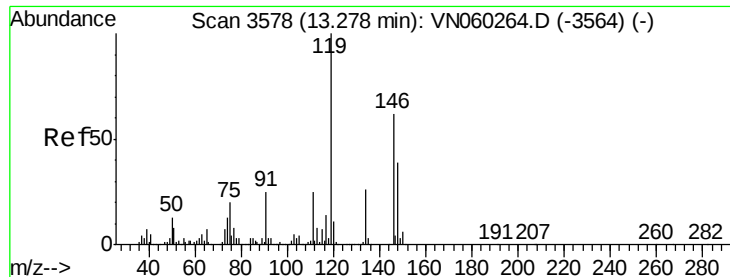


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.201 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

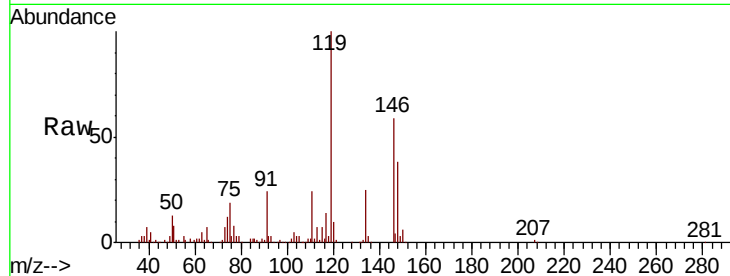
Tot Ion:146 Resp: 79434

Ion Ratio Lower Upper

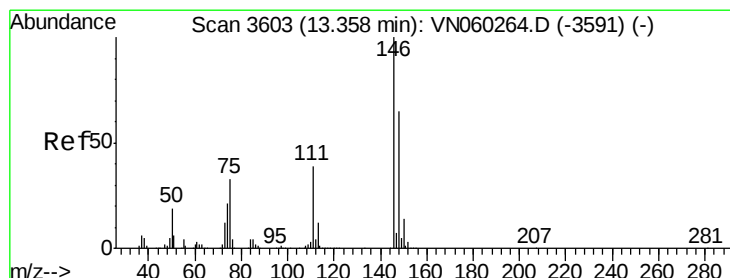
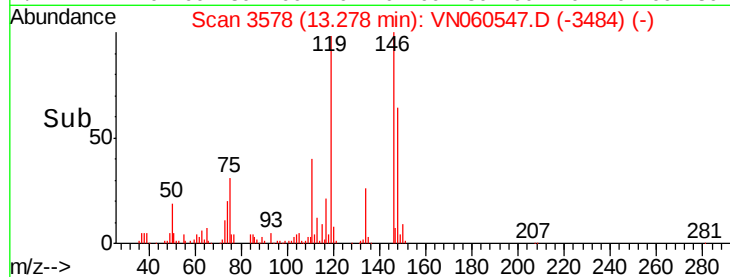
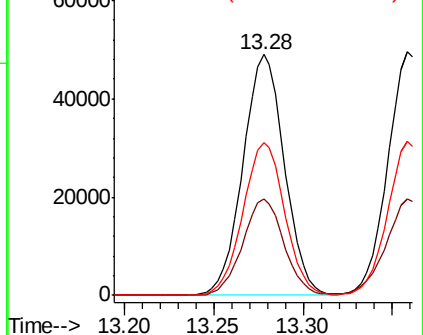
146 100

111 39.8 20.0 59.9

148 64.0 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 18.333 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

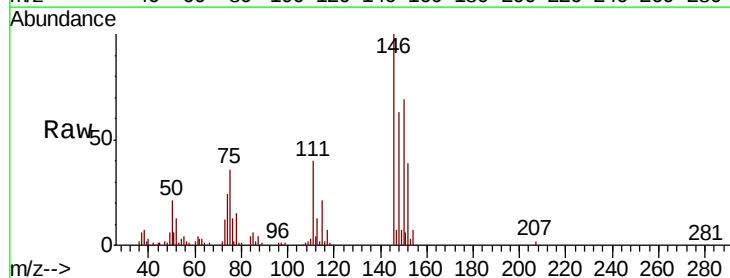
Tgt Ion:146 Resp: 79972

Ion Ratio Lower Upper

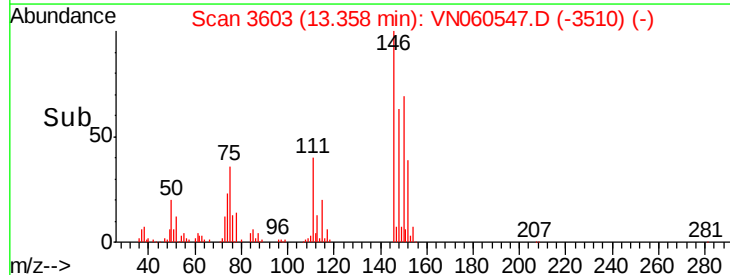
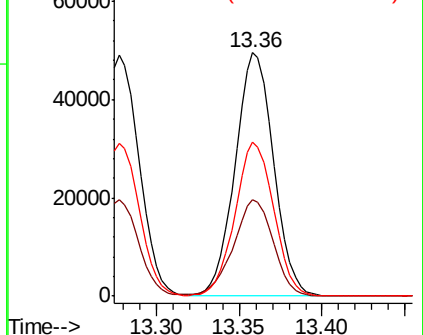
146 100

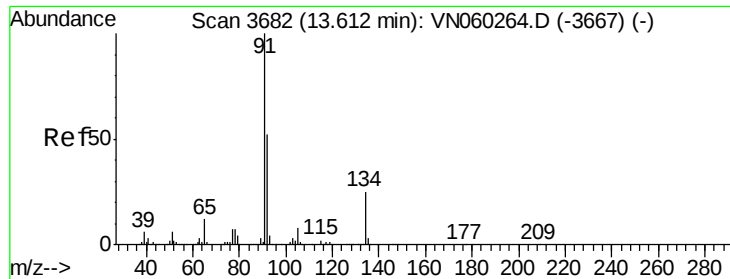
111 41.0 19.8 59.4

148 63.6 32.3 96.9



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





#89

n-Butylbenzene

Concen: 16.902 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060547.D

Acq: 17 Mar 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBSD01

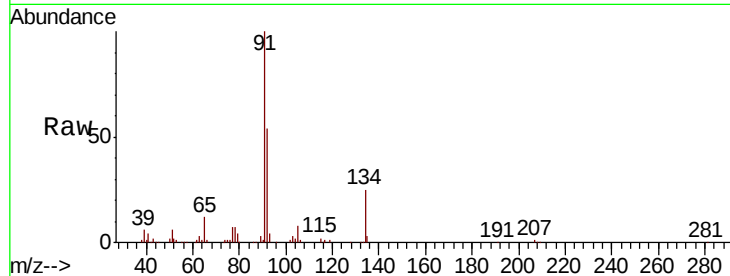
Tot Ion: 91 Resp: 144291

Ion Ratio Lower Upper

91 100

92 52.4 26.0 78.0

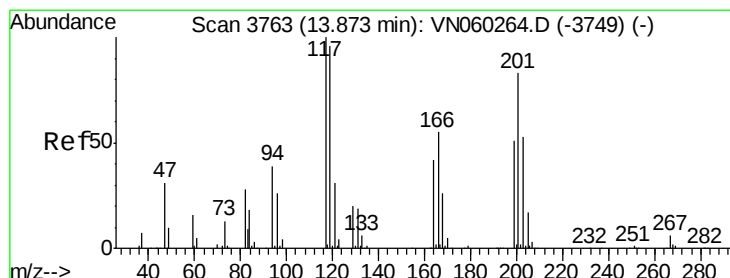
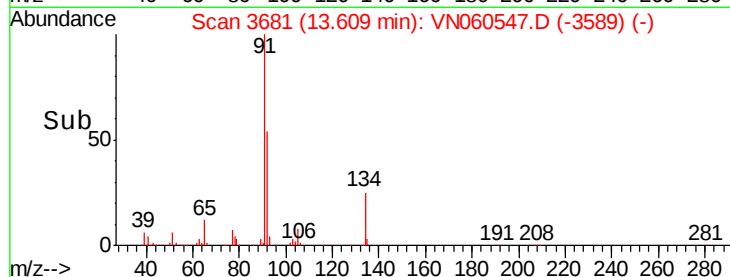
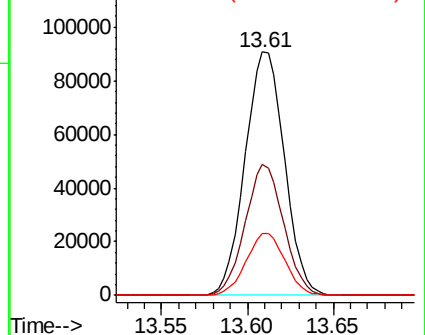
134 25.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060264.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060264.D (-3667) (-)



#90

Hexachloroethane

Concen: 16.775 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060547.D

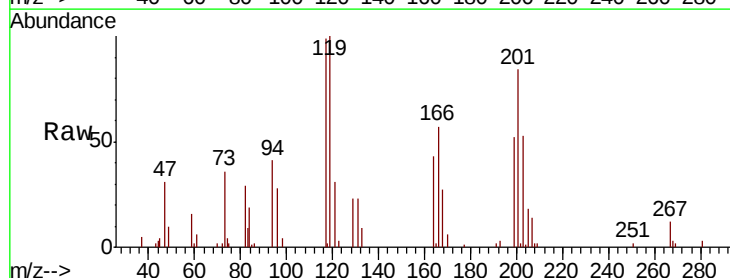
Acq: 17 Mar 2020 11:39

Tgt Ion: 117 Resp: 22581

Ion Ratio Lower Upper

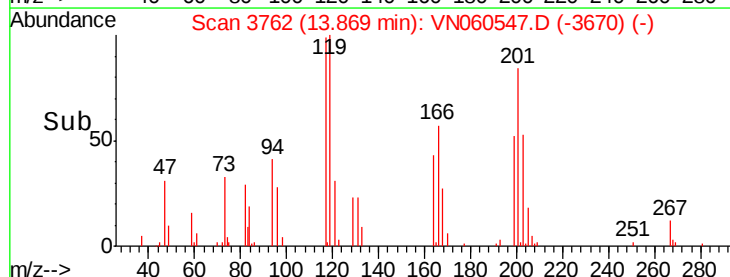
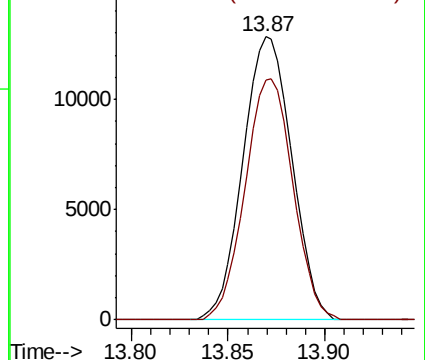
117 100

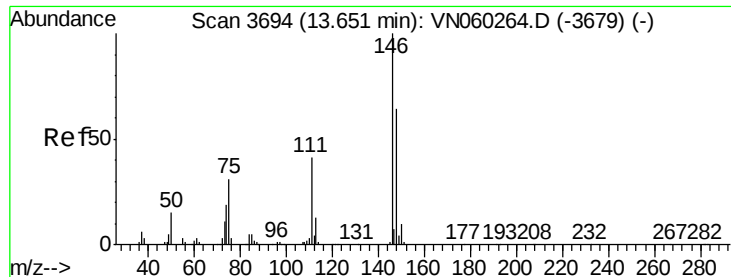
201 83.3 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VN060264.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060264.D (-3749) (-)

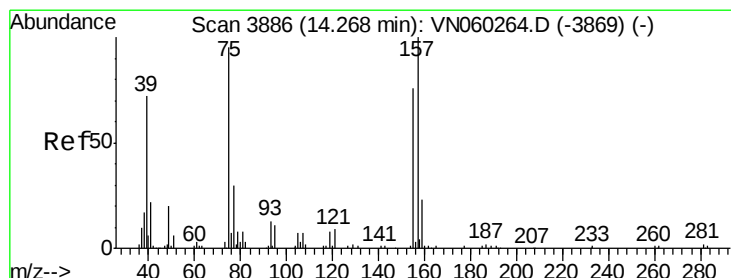
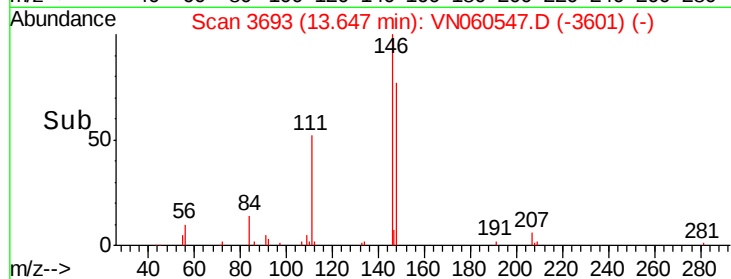
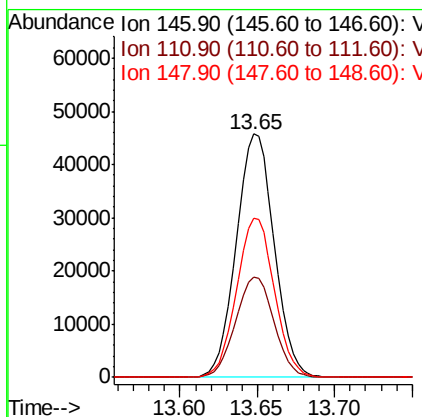
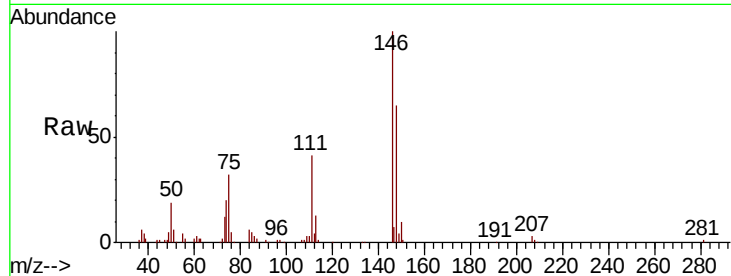




#91
 1,2-Dichlorobenzene
 Concen: 17.617 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

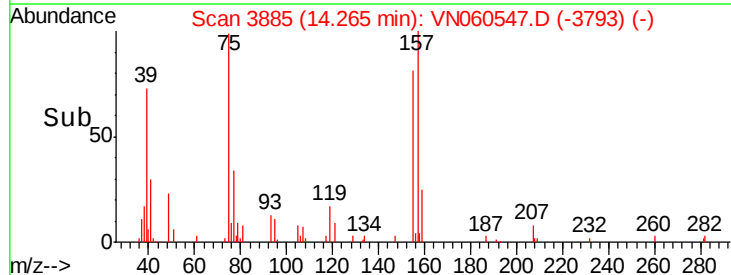
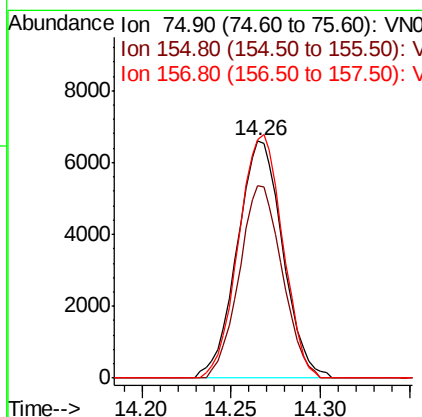
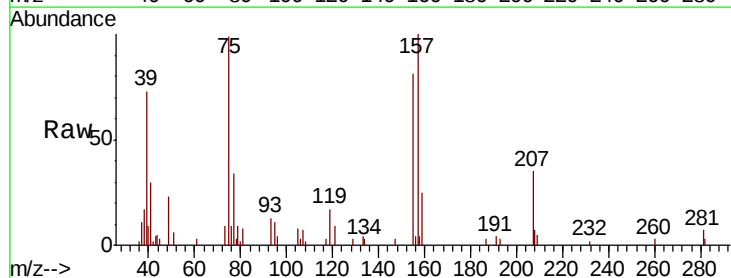
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	65.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.528 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	40.4	121.2
157	99.2	52.5	157.5

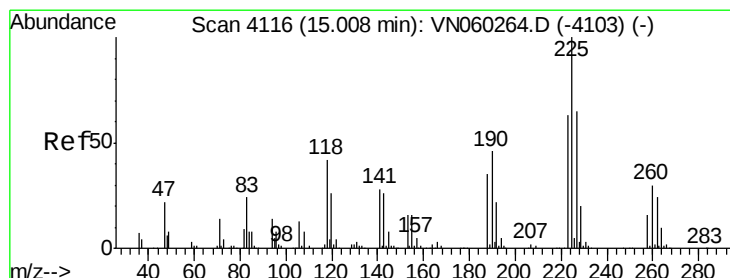
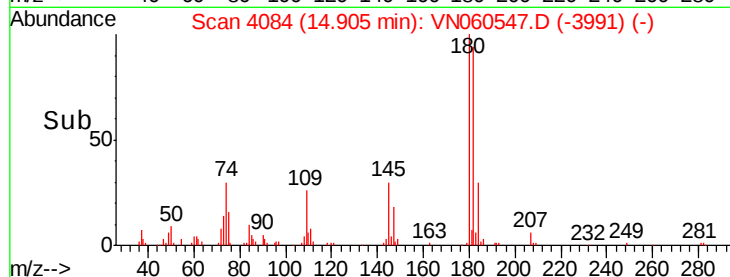
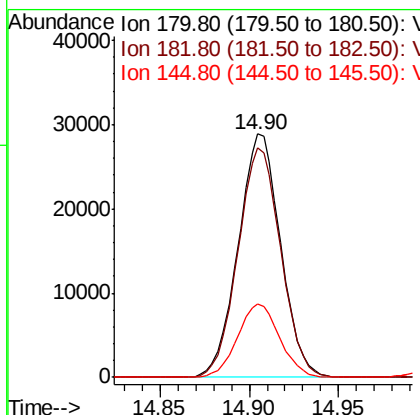
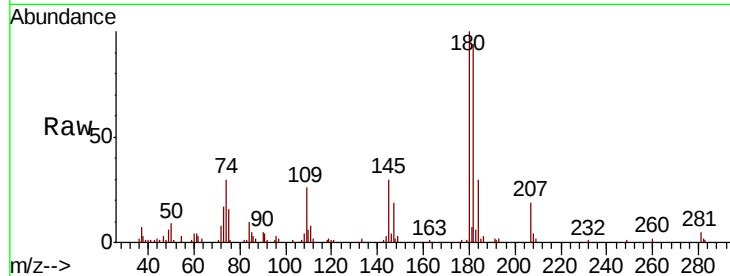




#93
 1,2,4-Trichlorobenzene
 Concen: 17.109 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

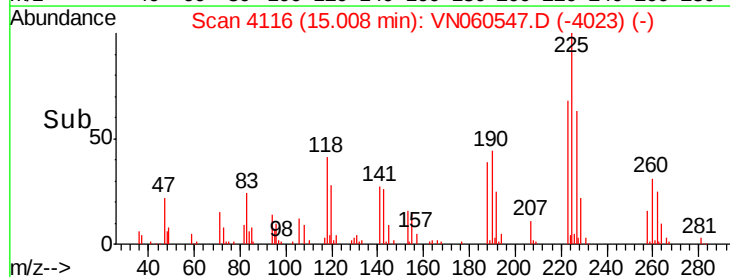
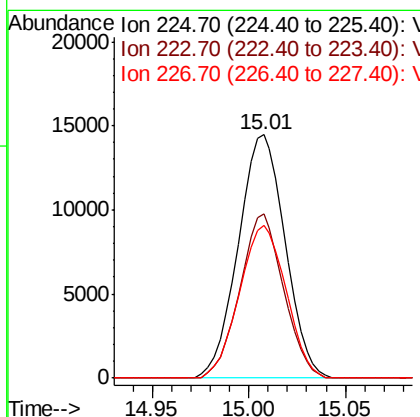
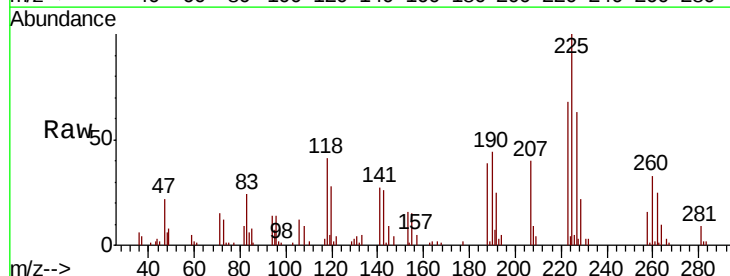
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.3
145	29.9	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 18.499 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060547.D
 Acq: 17 Mar 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.9
227	62.3	32.3	96.9

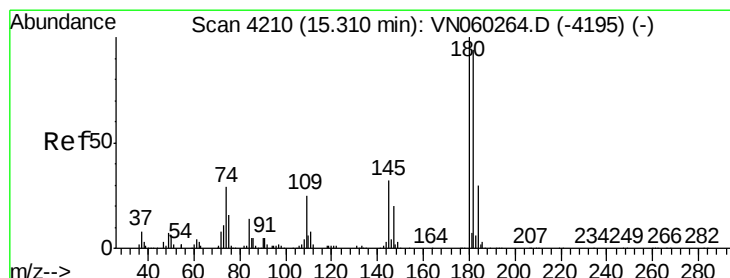
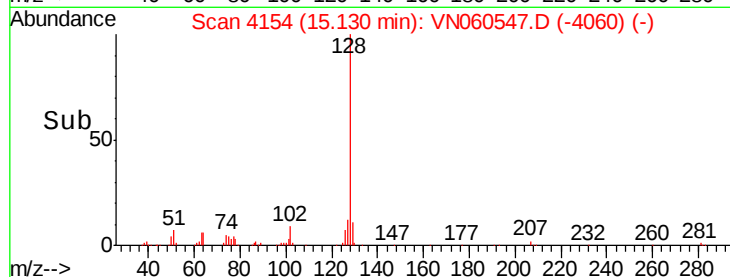
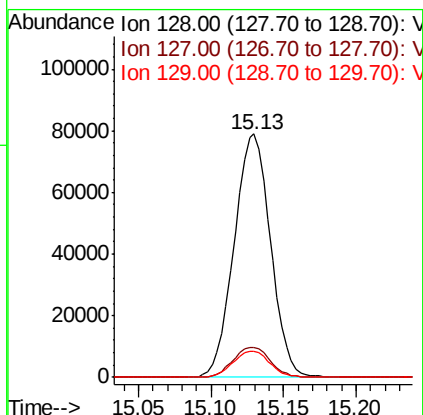
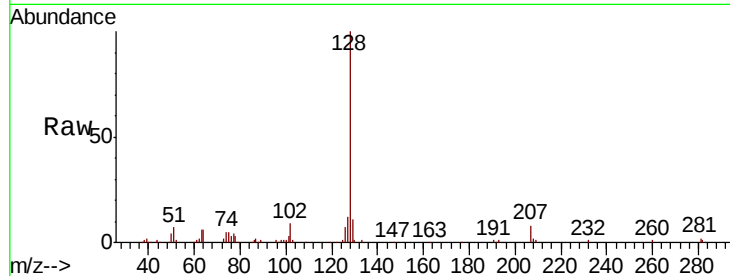




#95
Naphthalene
Concen: 16.440 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBSD01

Tot Ion:128 Resp: 137543
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.198 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060547.D
Acq: 17 Mar 2020 11:39

Tgt Ion:180 Resp: 45816
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 31.9 16.2 48.5

