

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061634.D
 Acq On : 3 Jun 2020 13:35
 Operator : JC/MD
 Sample : VN0603WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Quant Time: Jun 04 07:46:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	311415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	234880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	177450	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	7.55	113	134887	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.06	98	578108	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	207465	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68572	19.781	ug/l	98
3) Chloromethane	2.03	50	72041	18.967	ug/l	98
4) Vinyl Chloride	2.16	62	97200	18.674	ug/l	99
5) Bromomethane	2.54	94	61433	20.569	ug/l	97
6) Chloroethane	2.67	64	63163	18.853	ug/l	100
7) Trichlorofluoromethane	2.98	101	116857	17.410	ug/l	99
8) Diethyl Ether	3.37	74	39158	19.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	59070	19.832	ug/l	98
10) Methyl Iodide	3.91	142	78825	19.064	ug/l	99
11) Tert butyl alcohol	4.73	59	53751	108.915	ug/l	99
12) 1,1-Dichloroethene	3.69	96	57180	17.969	ug/l	96
13) Acrolein	3.56	56	14137	77.773	ug/l	100
14) Allyl chloride	4.27	41	73346	17.631	ug/l	96
15) Acrylonitrile	4.93	53	131233	95.269	ug/l	99
16) Acetone	3.77	43	101451	95.378	ug/l	96
17) Carbon Disulfide	4.01	76	130815	18.685	ug/l	98
18) Methyl Acetate	4.28	43	62591	18.635	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	205894	18.985	ug/l	99
20) Methylene Chloride	4.50	84	67957	19.075	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	66778	18.608	ug/l	96
22) Diisopropyl ether	5.90	45	173348	18.906	ug/l	97
23) Vinyl Acetate	5.84	43	649896	88.930	ug/l	99
24) 1,1-Dichloroethane	5.79	63	110538	19.011	ug/l	99
25) 2-Butanone	6.78	43	160779	91.434	ug/l	99
26) 2,2-Dichloropropane	6.77	77	101215	19.020	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78611	19.345	ug/l	100
28) Bromochloromethane	7.15	49	45575	20.044	ug/l	99
29) Tetrahydrofuran	7.17	42	104582	90.193	ug/l	97
30) Chloroform	7.33	83	125385	19.493	ug/l	98
31) Cyclohexane	7.61	56	94737	18.117	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	110934	18.927	ug/l	100
36) 1,1-Dichloropropene	7.75	75	88918	19.718	ug/l	99
37) Ethyl Acetate	6.88	43	67879	18.688	ug/l	98
38) Carbon Tetrachloride	7.73	117	86493	19.884	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061634.D
 Acq On : 3 Jun 2020 13:35
 Operator : JC/MD
 Sample : VN0603WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Quant Time: Jun 04 07:46:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101549	18.270	ug/l	97
40) Benzene	8.00	78	267771	19.245	ug/l	98
41) Methacrylonitrile	7.17	41	98290	59.064	ug/l #	8
42) 1,2-Dichloroethane	8.08	62	91784	19.704	ug/l	100
43) Isopropyl Acetate	8.12	43	119398	18.272	ug/l	97
44) Trichloroethene	8.80	130	83913	19.624	ug/l	96
45) 1,2-Dichloropropane	9.08	63	65541	19.837	ug/l	99
46) Dibromomethane	9.17	93	49506	19.537	ug/l	99
47) Bromodichloromethane	9.37	83	98041	19.529	ug/l	99
48) Methyl methacrylate	9.17	41	50080	17.034	ug/l	96
49) 1,4-Dioxane	9.17	88	23356	512.797	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	339385	92.163	ug/l	99
52) Toluene	10.12	92	179089	19.720	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103258	19.093	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	112129	19.282	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	72619	20.071	ug/l	99
56) Ethyl methacrylate	10.40	69	95274	18.851	ug/l	99
57) 1,3-Dichloropropane	10.68	76	115002	19.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	185142	85.718	ug/l	100
59) 2-Hexanone	10.72	43	241094	91.163	ug/l	100
60) Dibromochloromethane	10.87	129	82290	20.006	ug/l	100
61) 1,2-Dibromoethane	10.98	107	75307	19.957	ug/l	98
64) Tetrachloroethene	10.60	164	90877	20.161	ug/l	98
65) Chlorobenzene	11.41	112	198808	19.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	74087	19.990	ug/l	100
67) Ethyl Benzene	11.48	91	340043	19.766	ug/l	99
68) m/p-Xylenes	11.60	106	268533	39.366	ug/l	100
69) o-Xylene	11.92	106	127958	19.750	ug/l	100
70) Styrene	11.94	104	209330	19.510	ug/l	99
71) Bromoform	12.10	173	53131	18.604	ug/l #	99
73) Isopropylbenzene	12.22	105	337349	19.678	ug/l	99
74) N-amyl acetate	12.05	43	96907	17.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	90484	18.835	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	115259	26.986	ug/l #	100
77) Bromobenzene	12.50	156	86073	19.670	ug/l	99
78) n-propylbenzene	12.57	91	370513	19.360	ug/l	99
79) 2-Chlorotoluene	12.65	91	222947	19.537	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	279524	19.508	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27984	16.755	ug/l	95
82) 4-Chlorotoluene	12.75	91	231446	19.279	ug/l	99
83) tert-Butylbenzene	12.97	119	235311	18.587	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	279290	19.621	ug/l	99
85) sec-Butylbenzene	13.15	105	306785	18.806	ug/l	99
86) p-Isopropyltoluene	13.26	119	283877	18.896	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	155341	20.047	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	154521	19.574	ug/l	99
89) n-Butylbenzene	13.59	91	231752	18.417	ug/l	99
90) Hexachloroethane	13.85	117	36262	21.826	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	150912	20.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	16518	16.859	ug/l	98

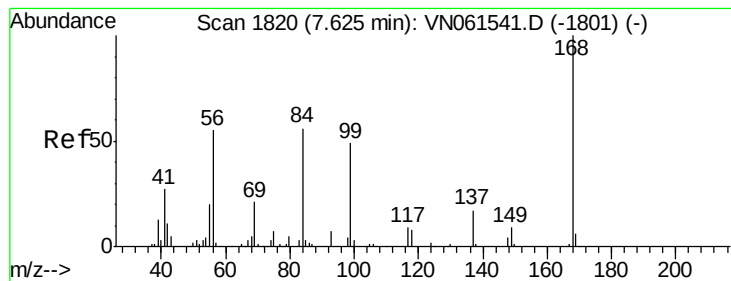
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
Data File : VN061634.D
Acq On : 3 Jun 2020 13:35
Operator : JC/MD
Sample : VN0603WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Quant Time: Jun 04 07:46:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	83149	19.199	ug/l	99
94) Hexachlorobutadiene	14.98	225	33327	18.043	ug/l	98
95) Naphthalene	15.10	128	251684	19.093	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	83526	19.616	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

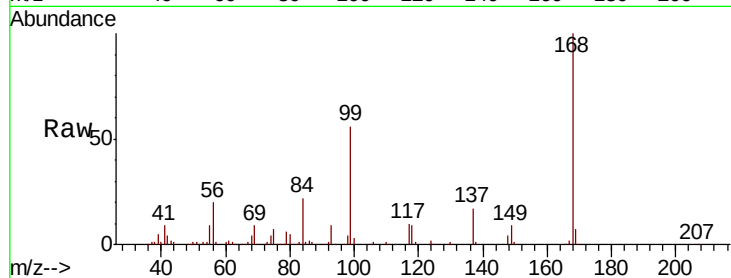
VN0603WBSD01

Tot Ion:168 Resp: 311415

Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

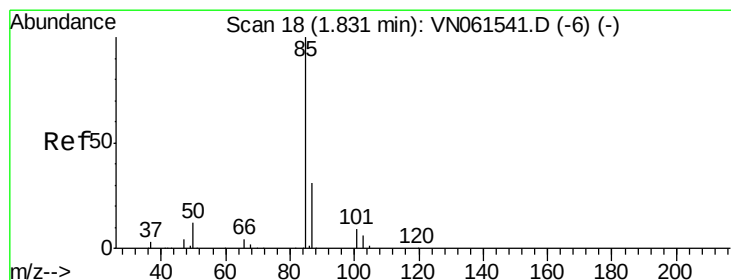
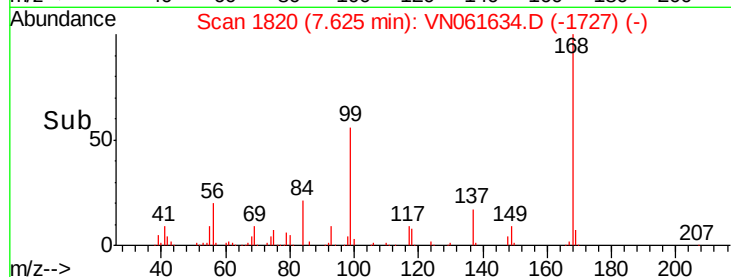
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.781 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061634.D

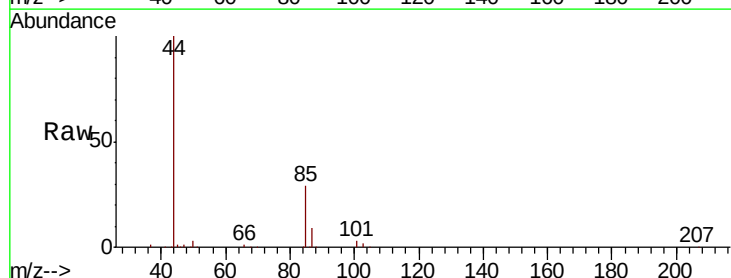
Acq: 3 Jun 2020 13:35

Tgt Ion: 85 Resp: 68572

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

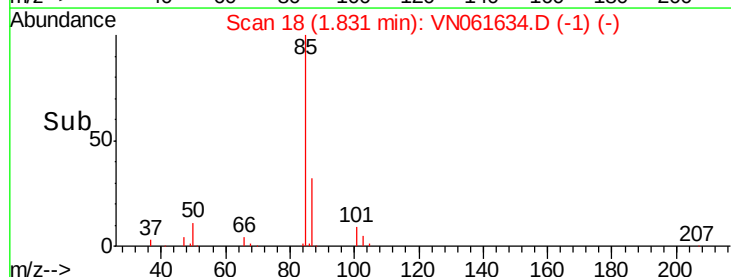
30000

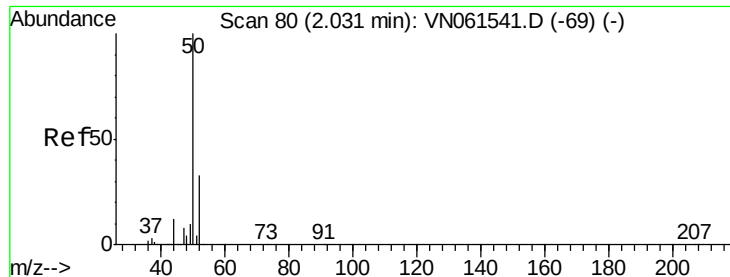
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.967 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

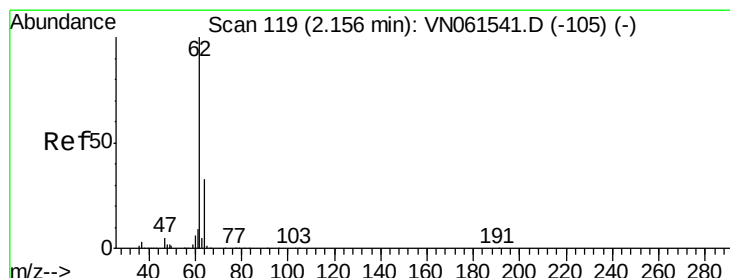
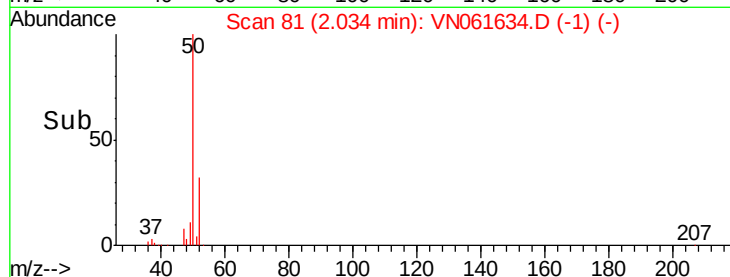
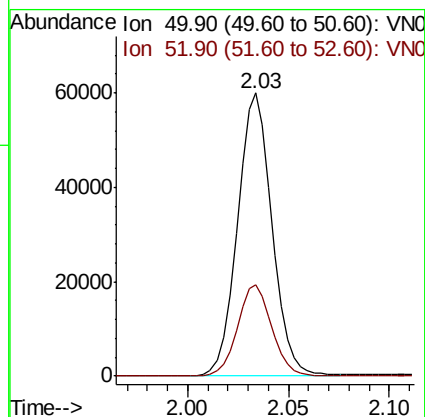
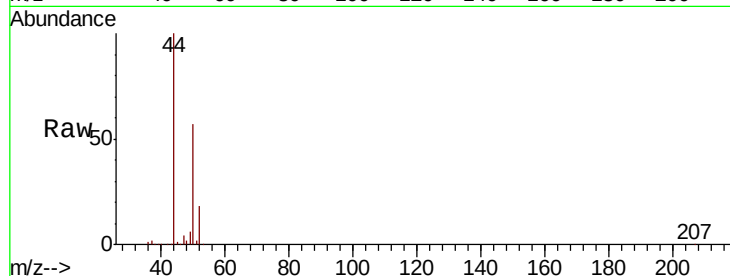
VN0603WBSD01

Tot Ion: 50 Resp: 72041

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 18.674 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061634.D

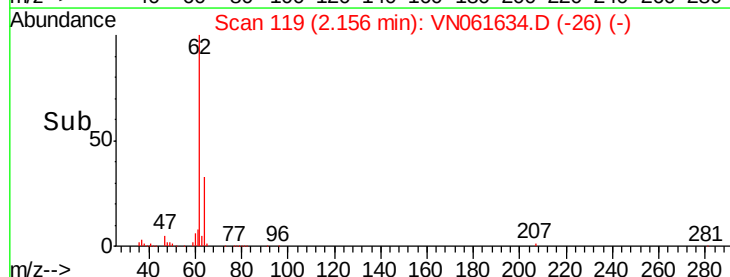
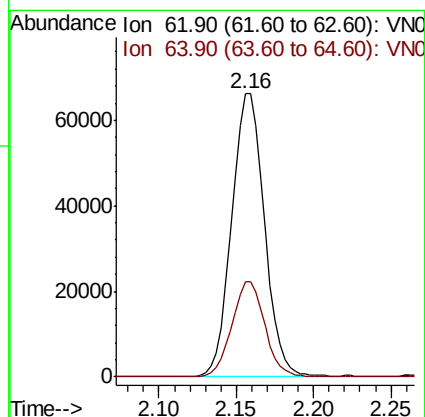
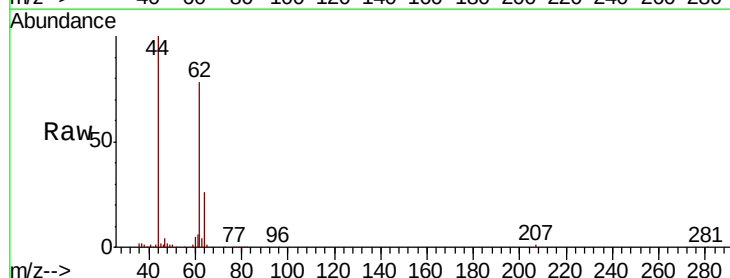
Acq: 3 Jun 2020 13:35

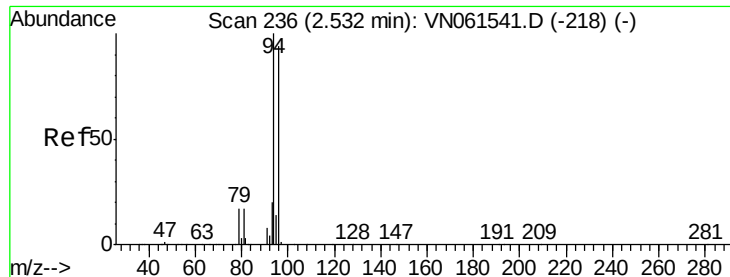
Tgt Ion: 62 Resp: 97200

Ion Ratio Lower Upper

62 100

64 33.5 26.2 39.2





#5

Bromomethane

Concen: 20.569 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

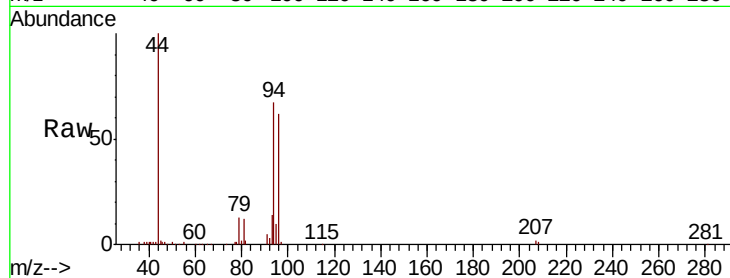
VN0603WBSD01

Tot Ion: 94 Resp: 61433

Ion Ratio Lower Upper

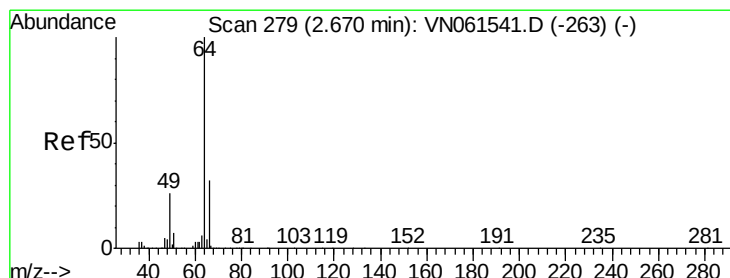
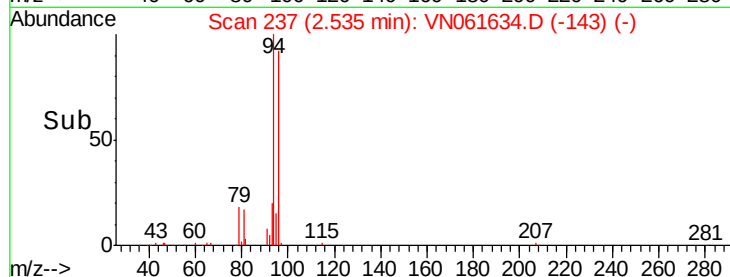
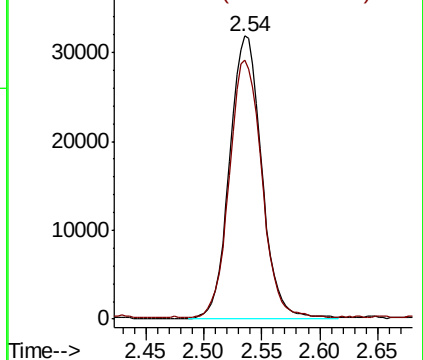
94 100

96 91.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.853 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061634.D

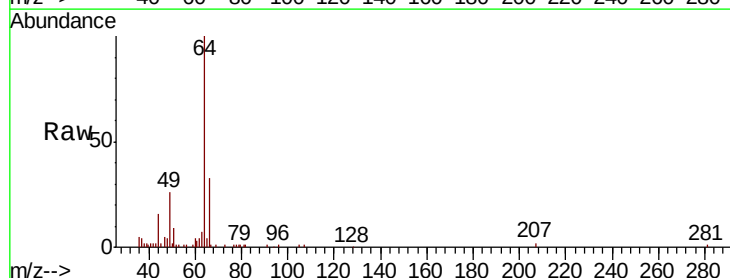
Acq: 3 Jun 2020 13:35

Tgt Ion: 64 Resp: 63163

Ion Ratio Lower Upper

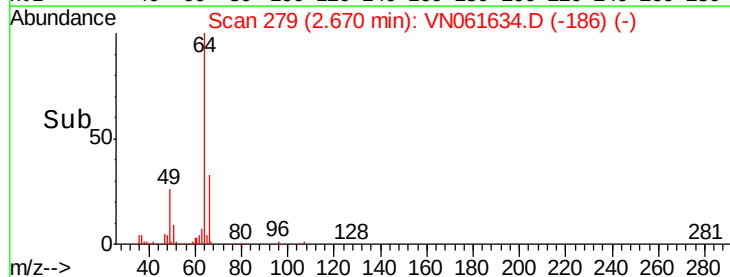
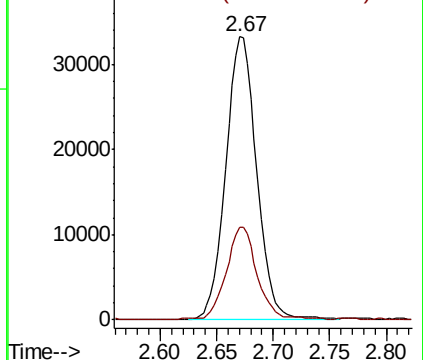
64 100

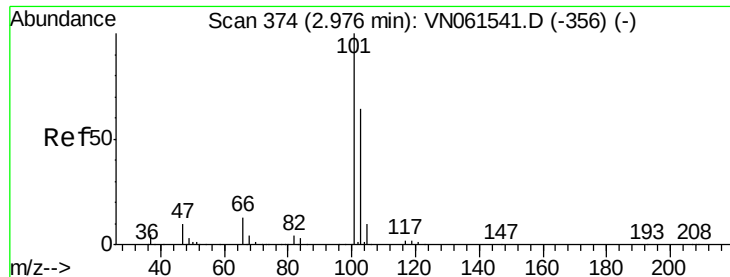
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



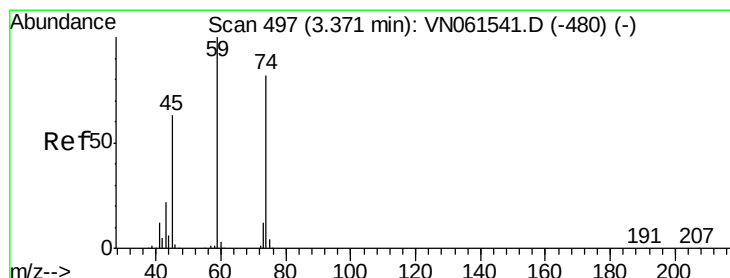
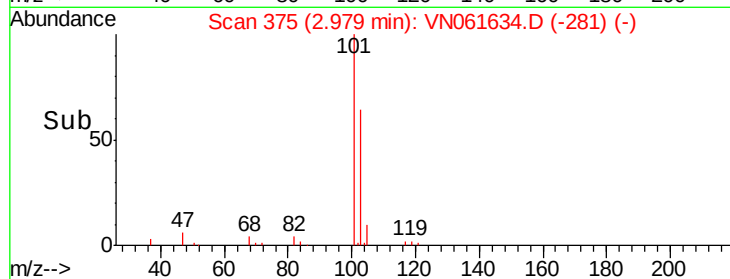
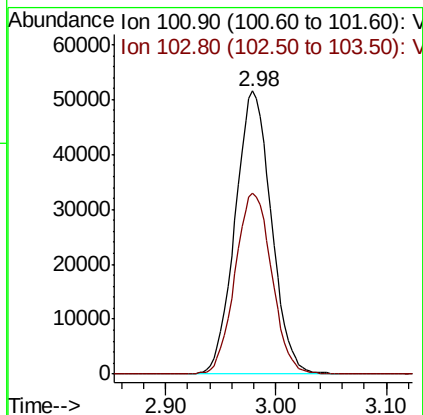
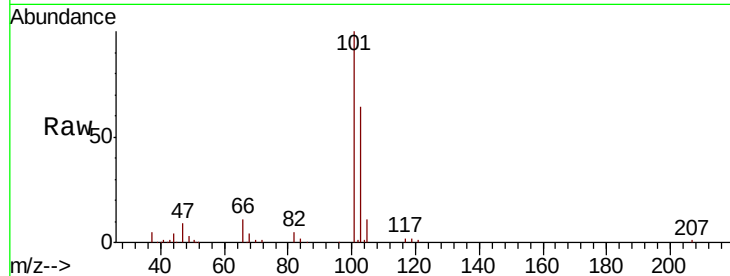


#7

Trichlorofluoromethane
 Concen: 17.410 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

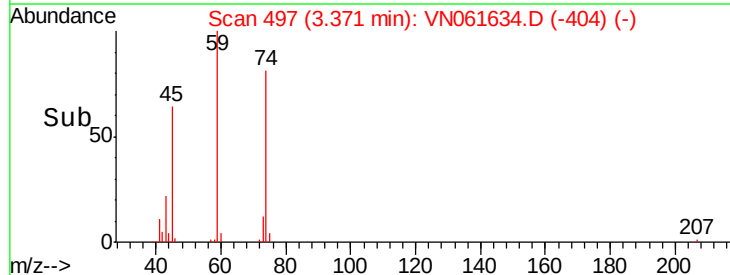
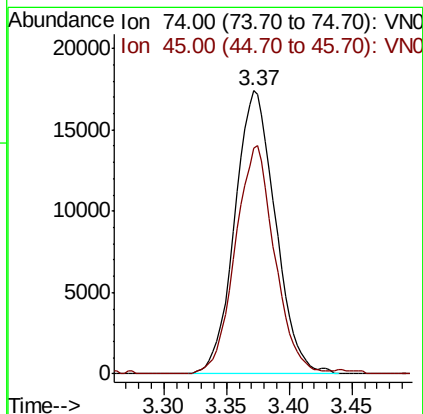
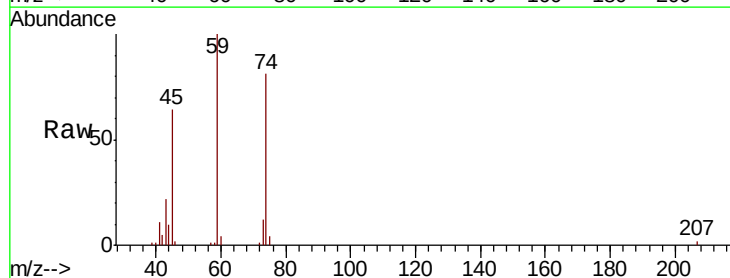
Tot Ion:101 Resp: 116857
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

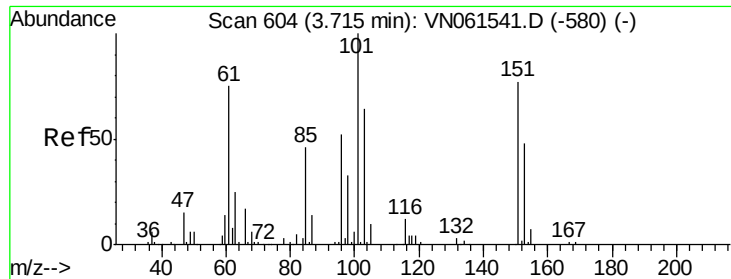


#8

Diethyl Ether
 Concen: 19.079 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion: 74 Resp: 39158
 Ion Ratio Lower Upper
 74 100
 45 78.2 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.832 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

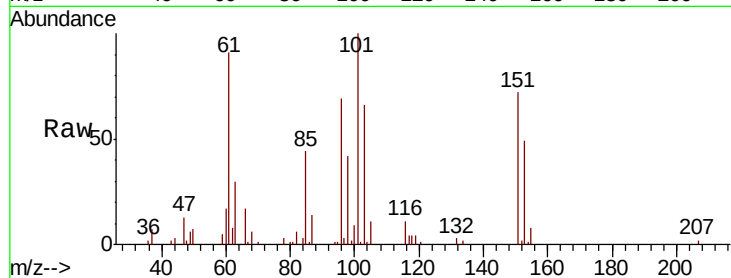
Tot Ion:101 Resp: 59070

Ion Ratio Lower Upper

101 100

85 43.0 35.2 52.8

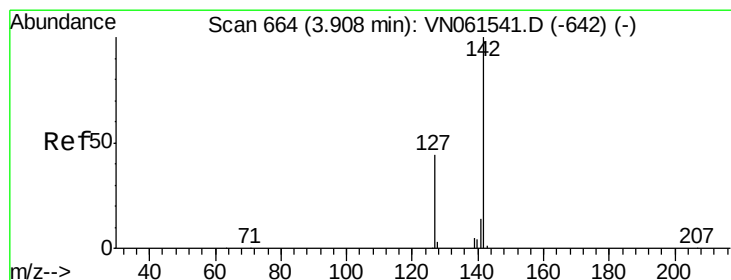
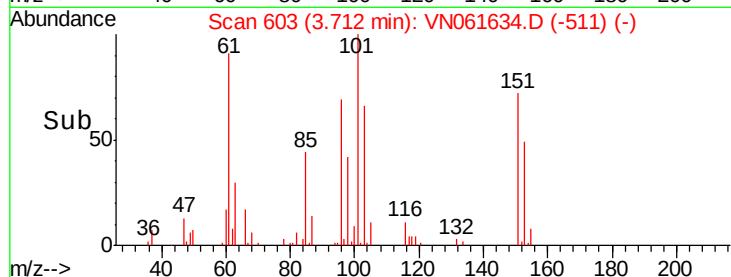
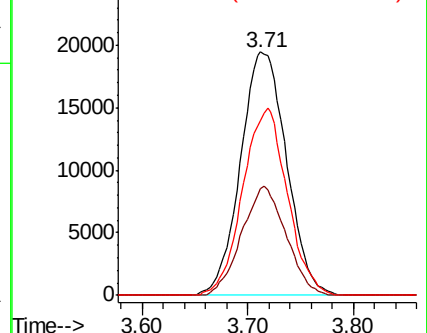
151 74.4 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.064 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

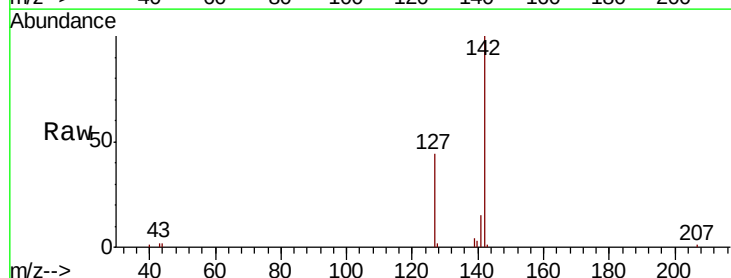
Tgt Ion:142 Resp: 78825

Ion Ratio Lower Upper

142 100

127 43.5 35.5 53.3

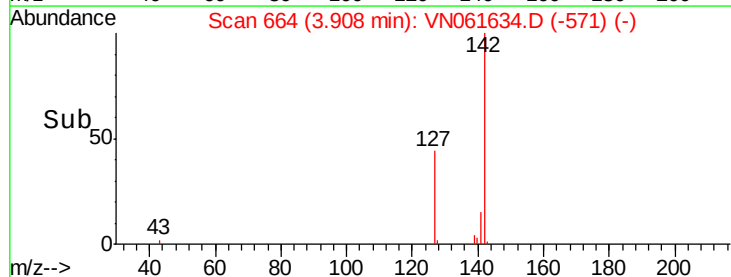
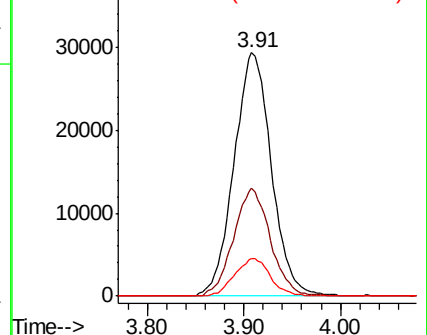
141 14.6 11.5 17.3

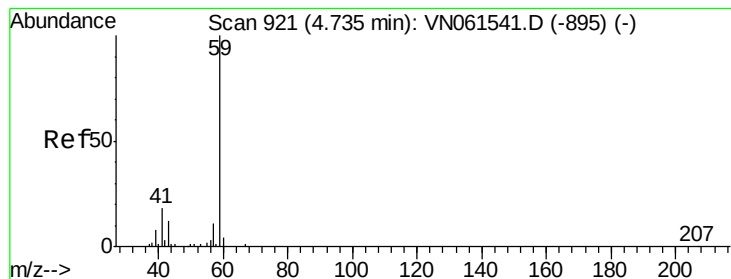


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 108.915 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

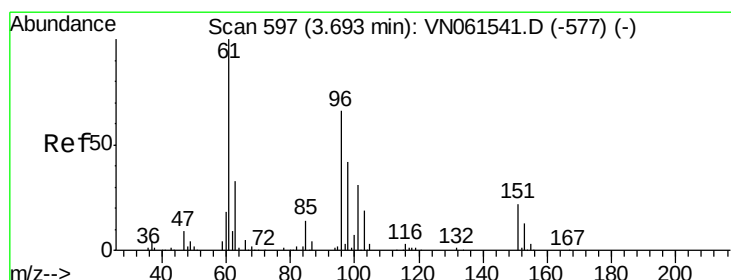
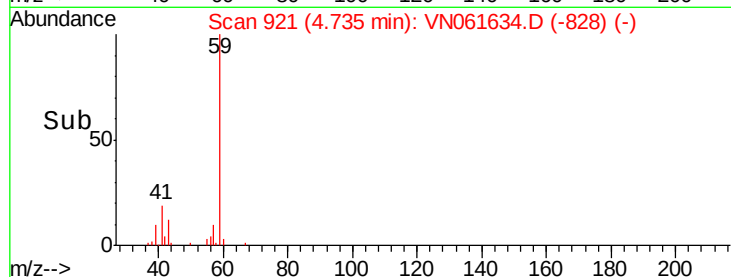
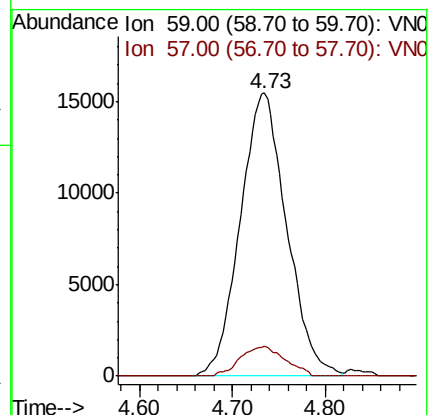
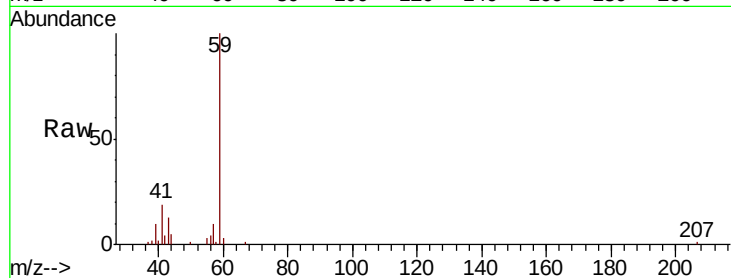
VN0603WBSD01

Tot Ion: 59 Resp: 53751

Ion Ratio Lower Upper

59 100

57 10.2 8.4 12.6



#12

1,1-Dichloroethene

Concen: 17.969 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

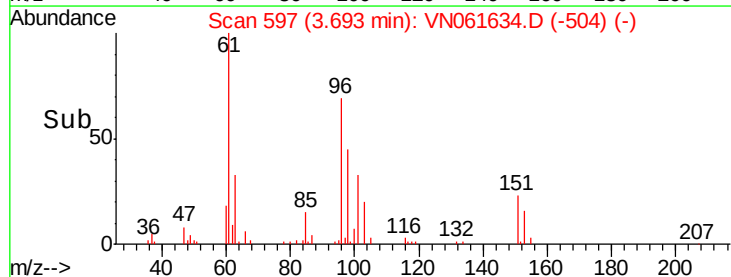
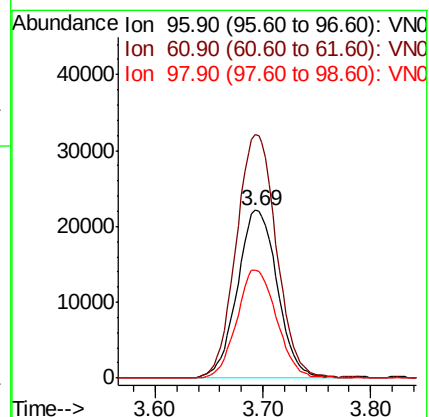
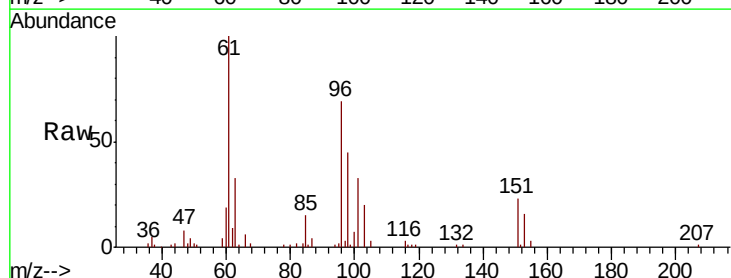
Tgt Ion: 96 Resp: 57180

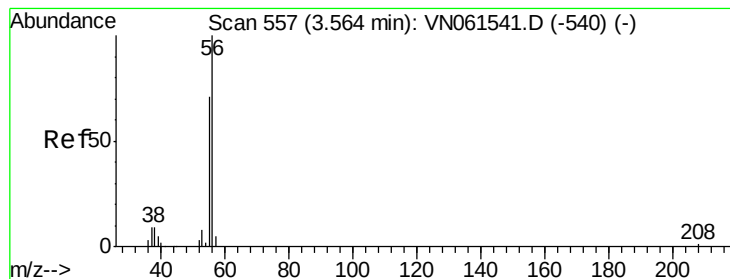
Ion Ratio Lower Upper

96 100

61 144.9 120.5 180.7

98 64.5 50.8 76.2





#13

Acrolein

Concen: 77.773 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

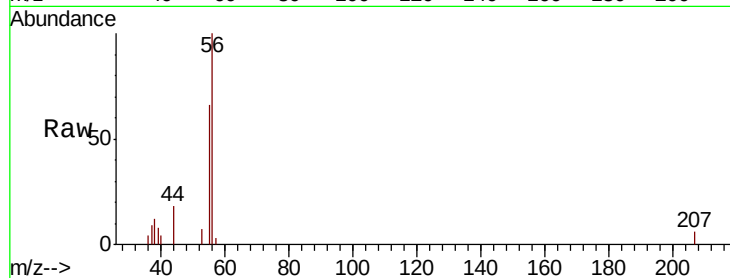
VN0603WBSD01

Tot Ion: 56 Resp: 14137

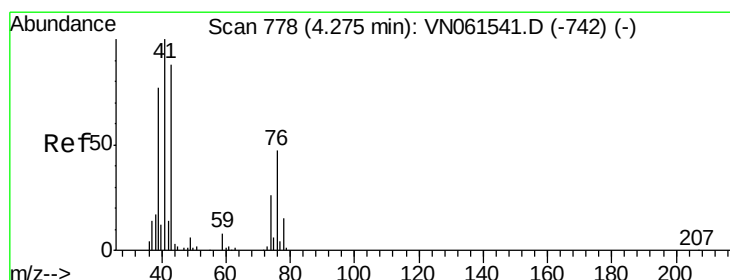
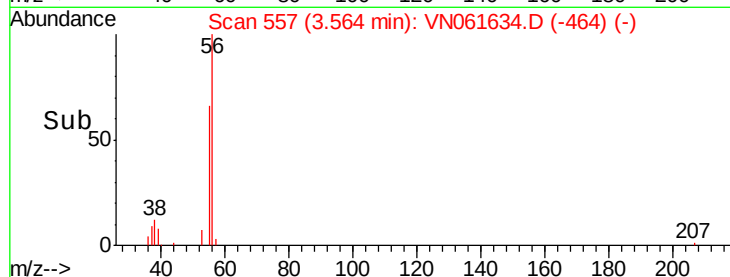
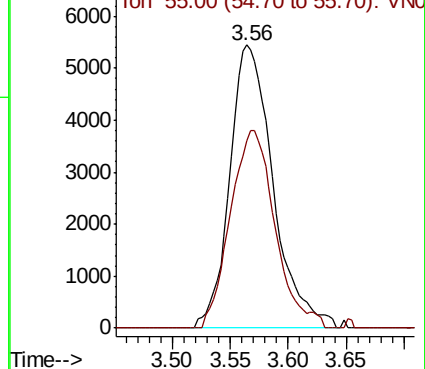
Ion Ratio Lower Upper

56 100

55 72.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061634.D (-540) (-)



#14

Allyl chloride

Concen: 17.631 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

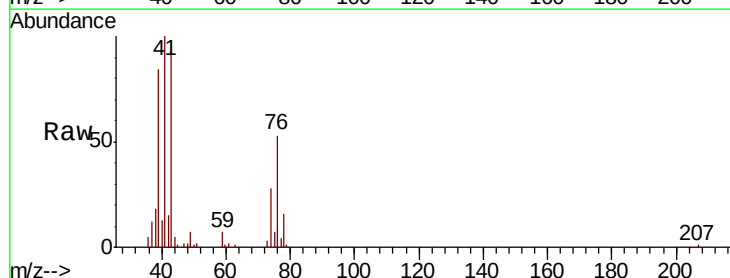
Tgt Ion: 41 Resp: 73346

Ion Ratio Lower Upper

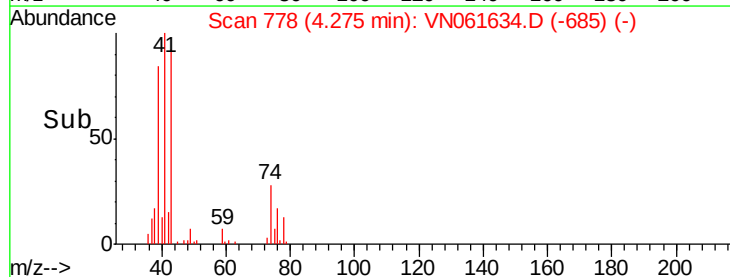
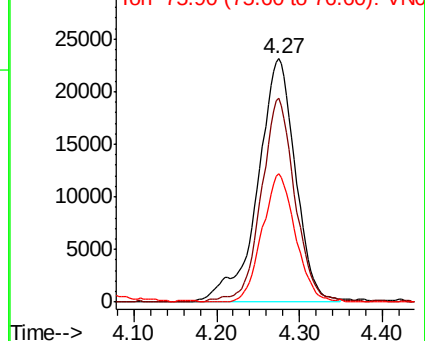
41 100

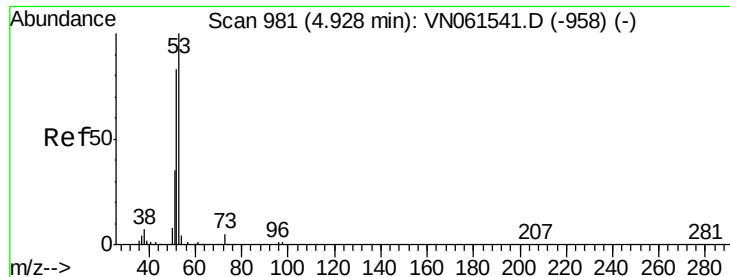
39 75.3 58.6 88.0

76 46.4 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061634.D (-685) (-)





#15

Acrylonitrile

Concen: 95.269 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

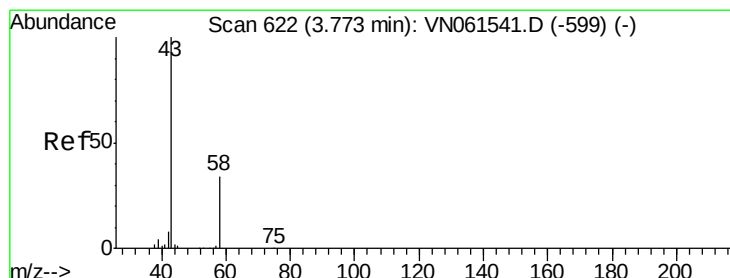
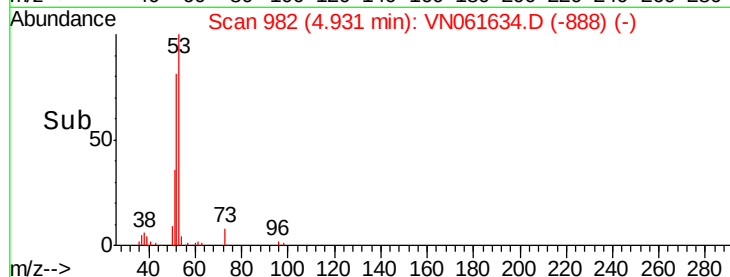
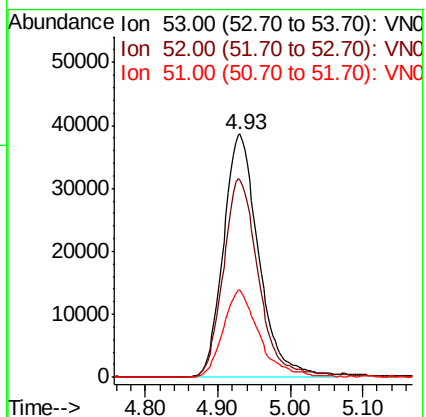
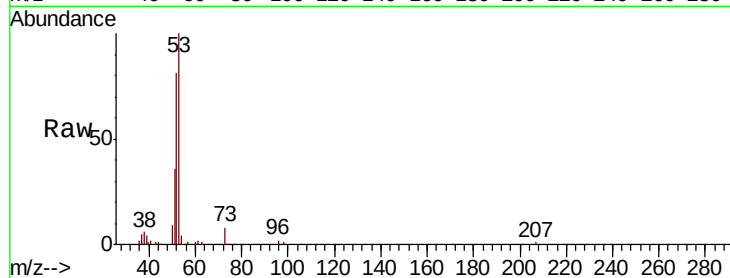
Tot Ion: 53 Resp: 131233

Ion Ratio Lower Upper

53 100

52 80.1 65.4 98.2

51 36.6 29.0 43.6



#16

Acetone

Concen: 95.378 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061634.D

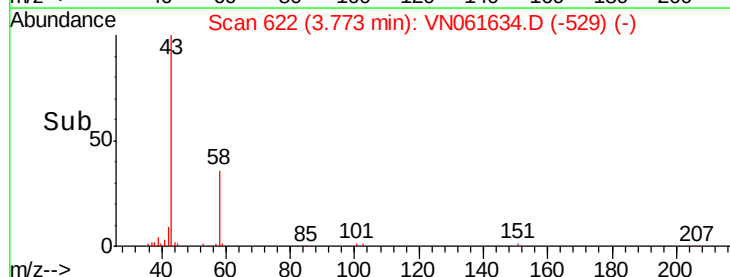
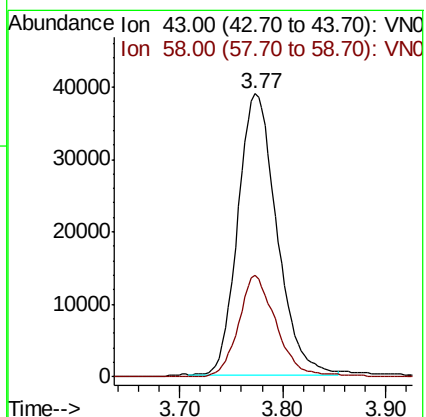
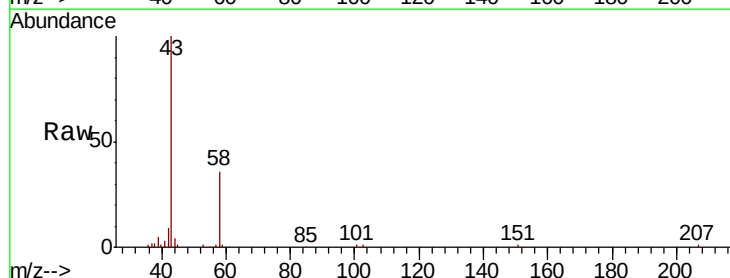
Acq: 3 Jun 2020 13:35

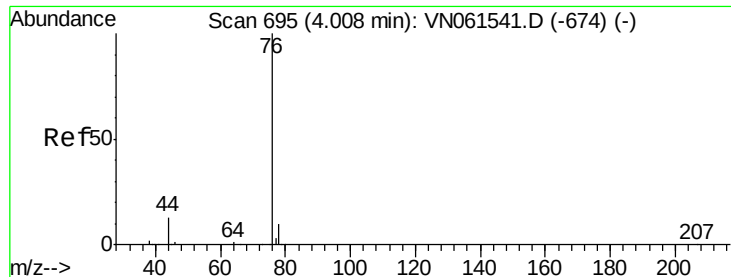
Tgt Ion: 43 Resp: 101451

Ion Ratio Lower Upper

43 100

58 36.3 27.2 40.8





#17

Carbon Disulfide

Concen: 18.685 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

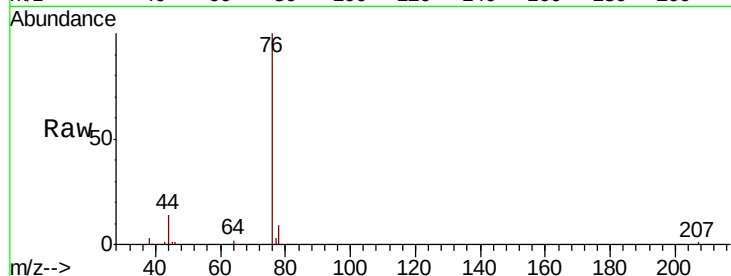
VN0603WBSD01

Tot Ion: 76 Resp: 130815

Ion Ratio Lower Upper

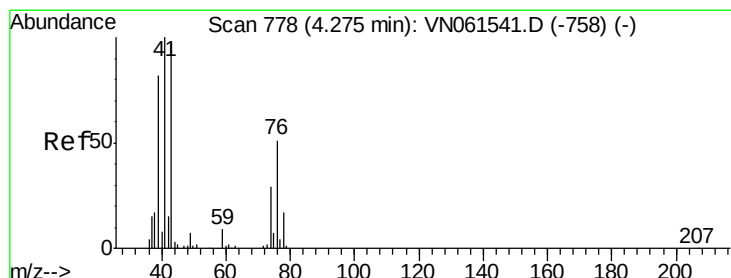
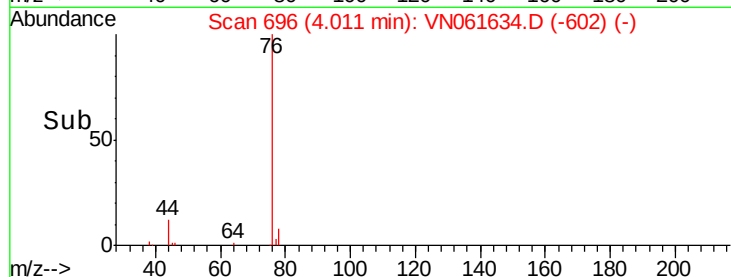
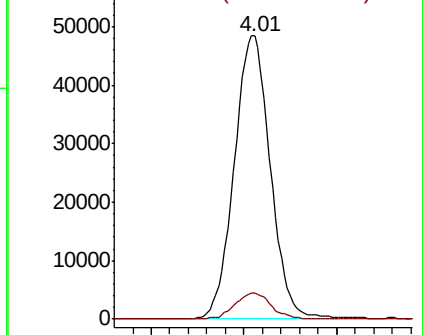
76 100

78 9.1 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.635 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061634.D

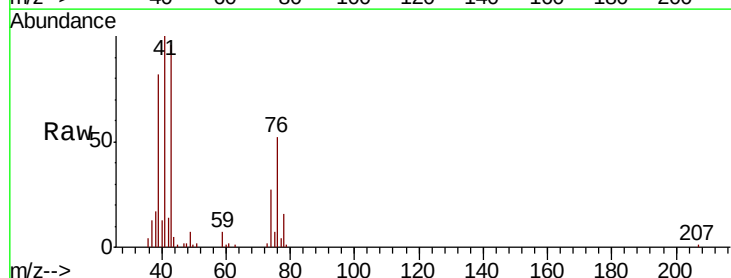
Acq: 3 Jun 2020 13:35

Tgt Ion: 43 Resp: 62591

Ion Ratio Lower Upper

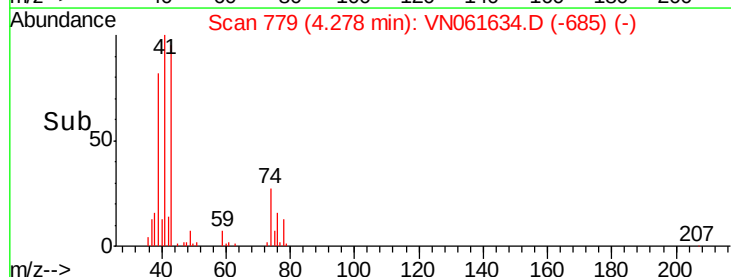
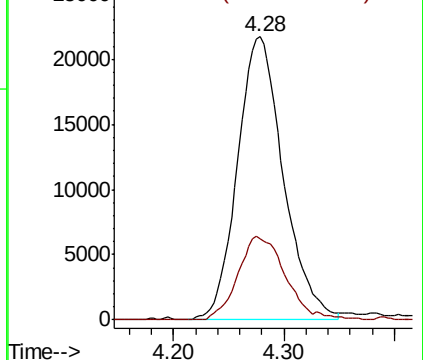
43 100

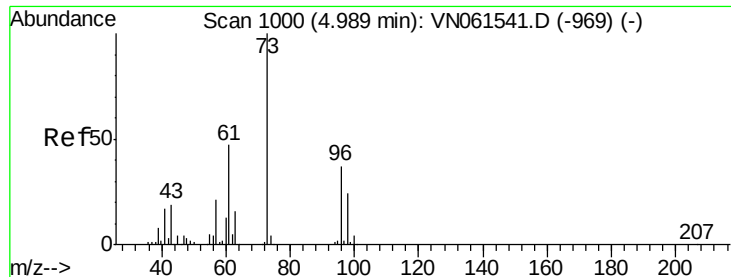
74 29.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

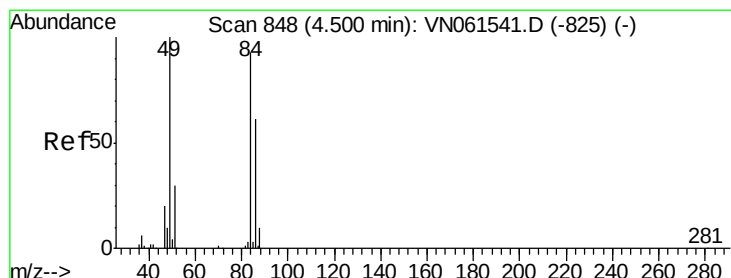
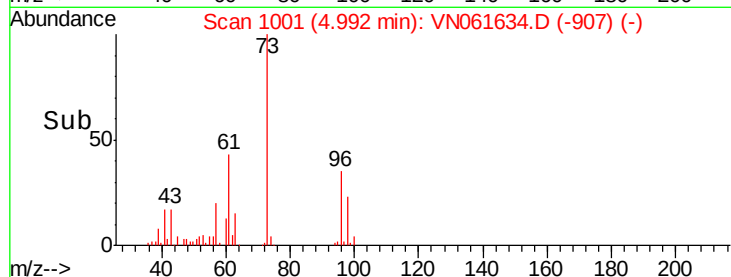
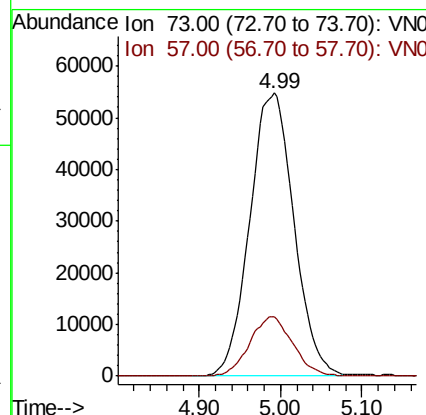
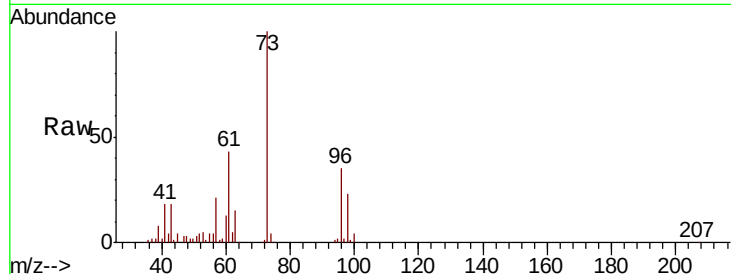




#19
Methvl tert-butyl Ether
Concen: 18.985 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

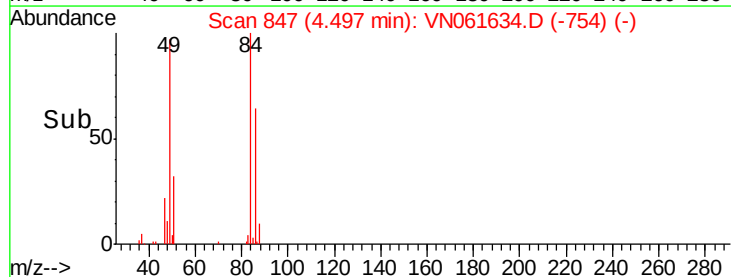
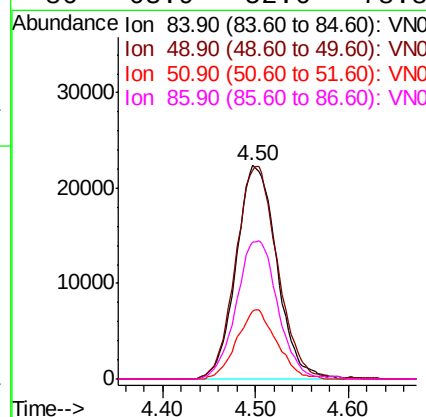
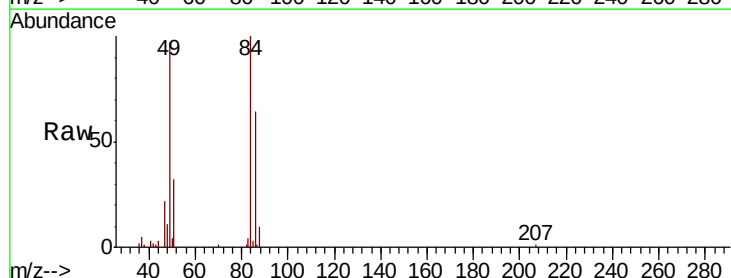
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

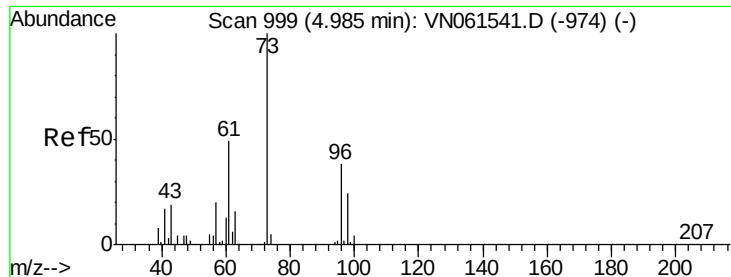
Tot Ion: 73 Resp: 205894
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6



#20
Methylene Chloride
Concen: 19.075 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 84 Resp: 67957
Ion Ratio Lower Upper
84 100
49 97.4 85.8 128.8
51 31.6 26.2 39.2
86 63.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.608 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

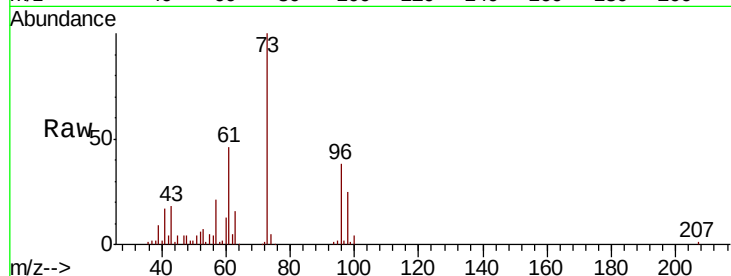
Tot Ion: 96 Resp: 66778

Ion Ratio Lower Upper

96 100

61 120.8 101.4 152.0

98 65.0 50.6 76.0

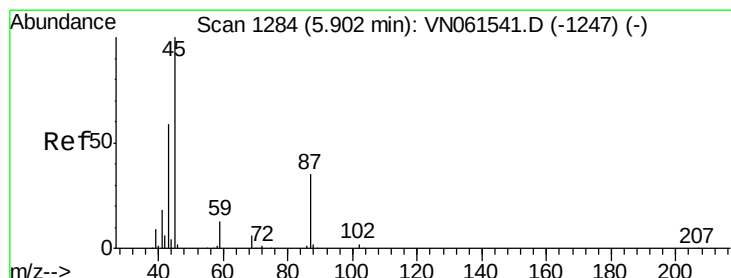
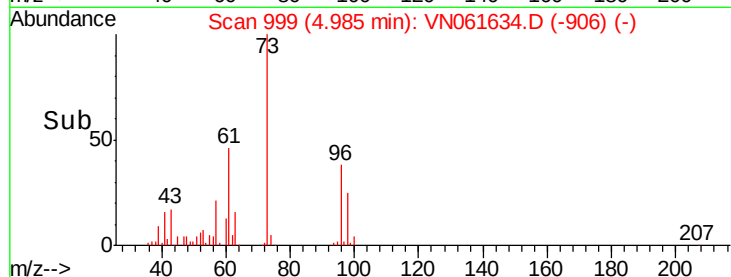
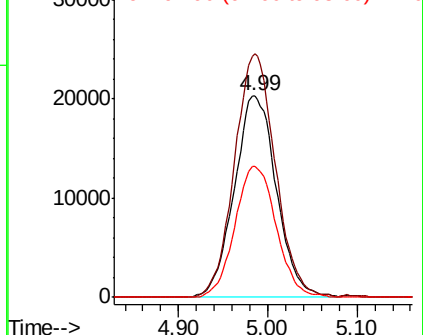


Abundance

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



#22

Diisopropyl ether

Concen: 18.906 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion: 45 Resp: 173348

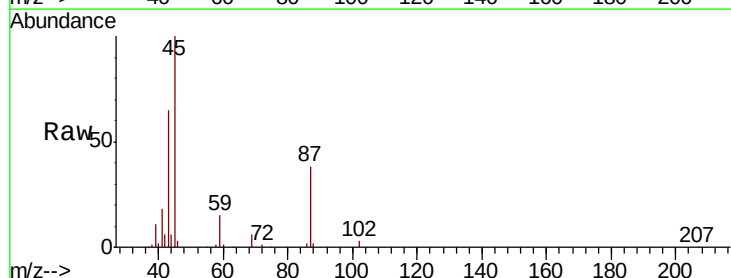
Ion Ratio Lower Upper

45 100

43 62.5 47.9 71.9

87 37.6 28.4 42.6

59 14.0 10.5 15.7



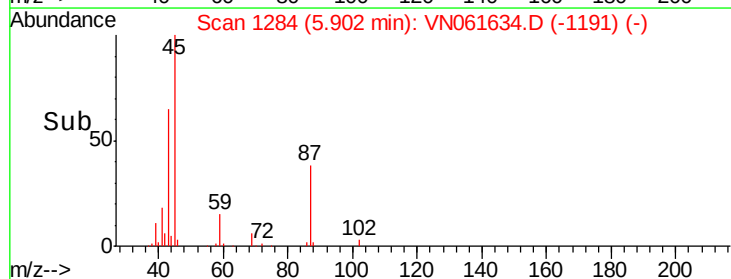
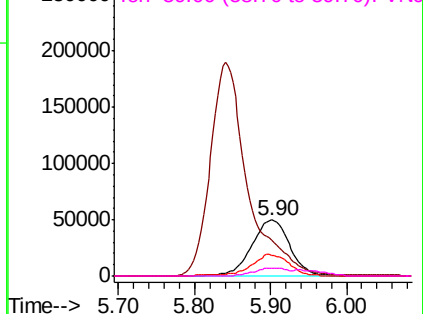
Abundance

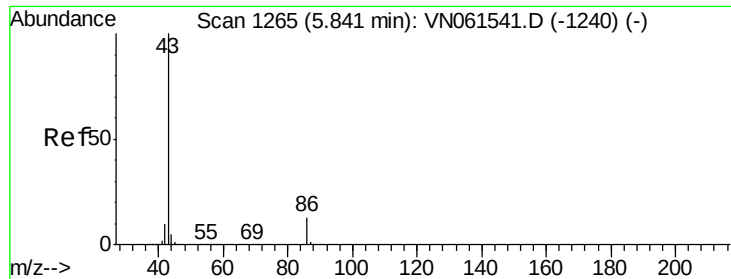
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

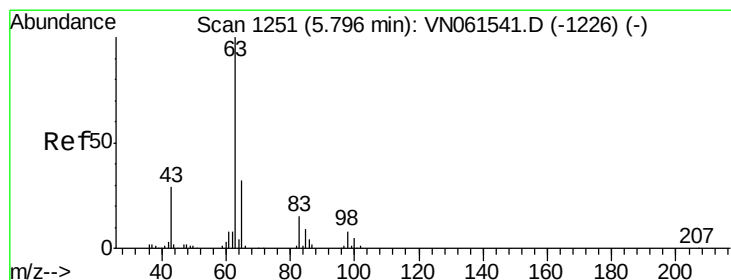
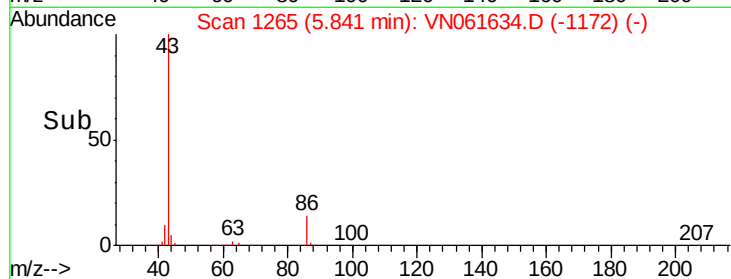
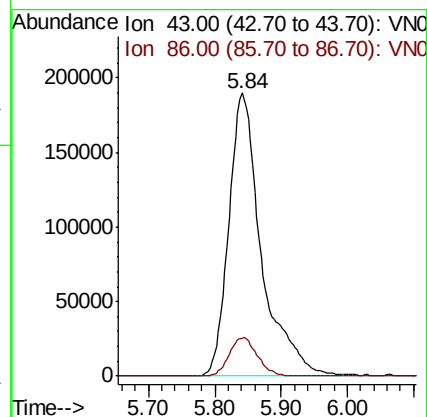
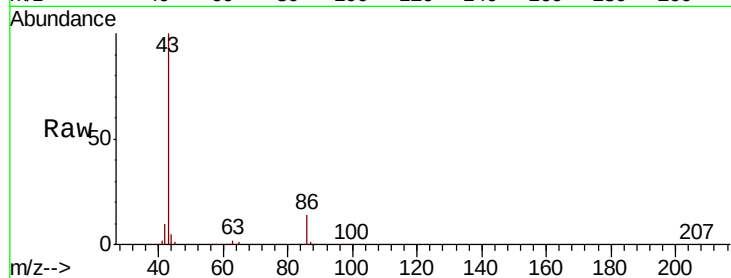




#23
 Vinyl Acetate
 Concen: 88.930 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

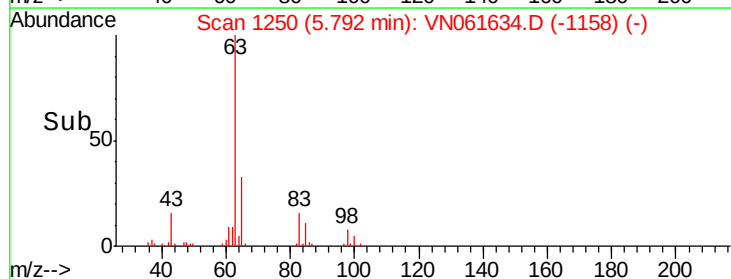
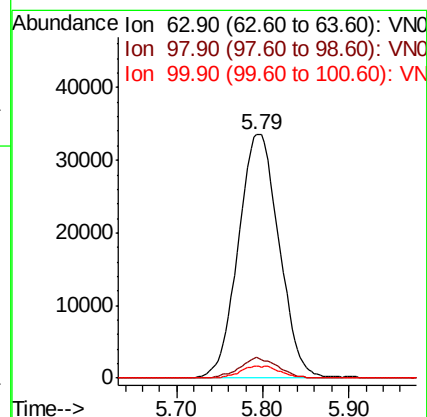
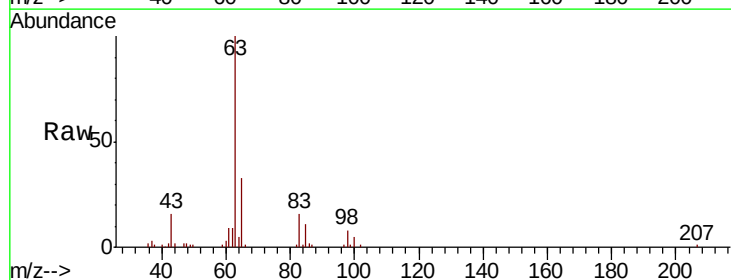
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

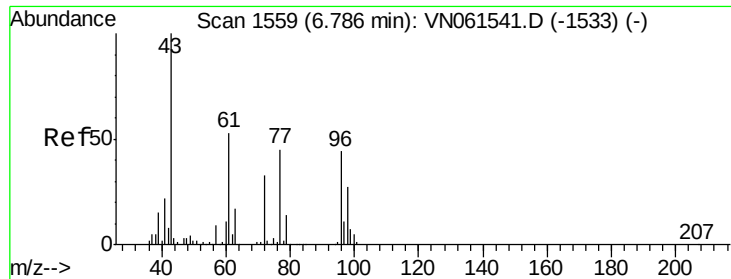
Tot Ion: 43 Resp: 649896
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.011 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion: 63 Resp: 110538
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.4
 100 5.1 2.5 7.6

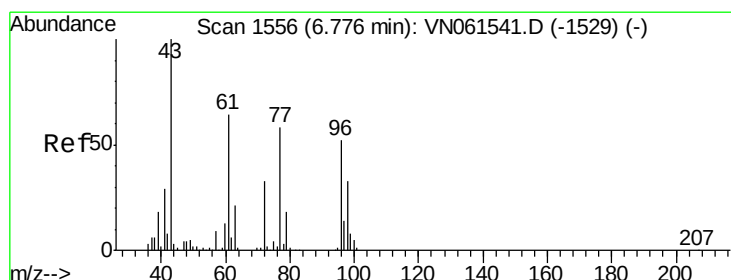
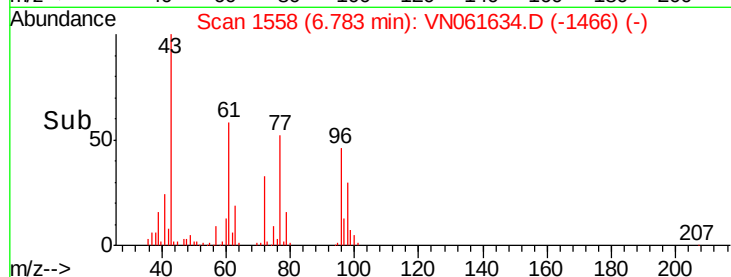
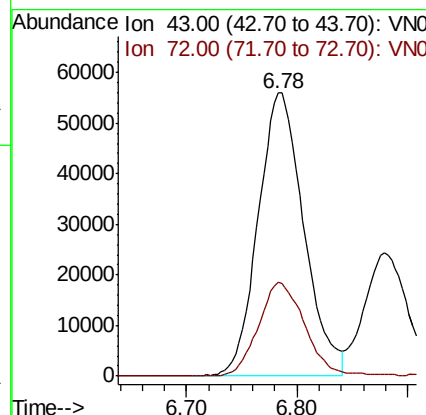
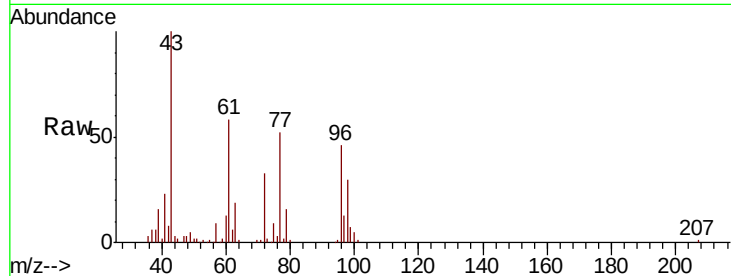




#25
2-Butanone
Concen: 91.434 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

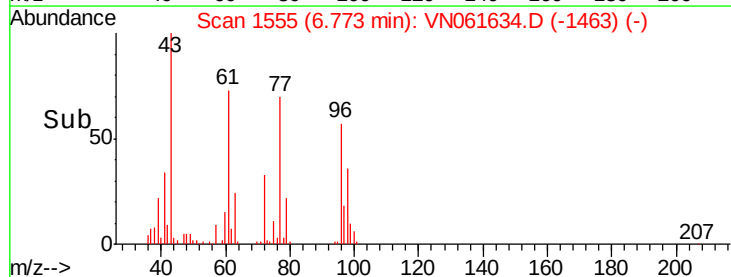
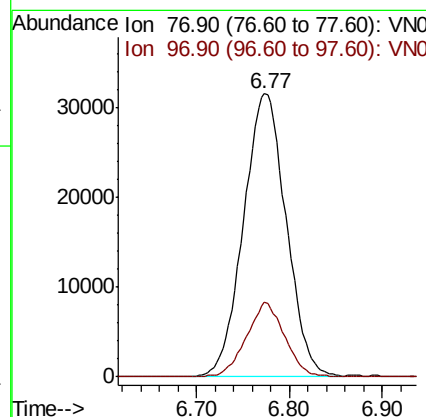
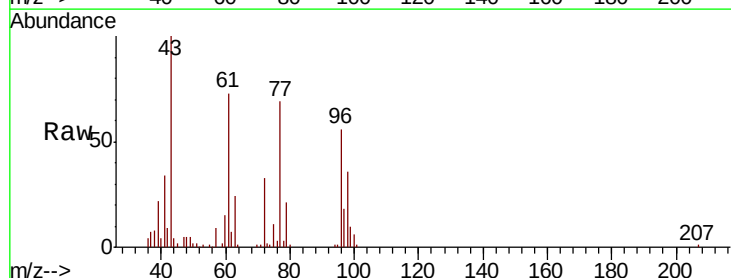
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

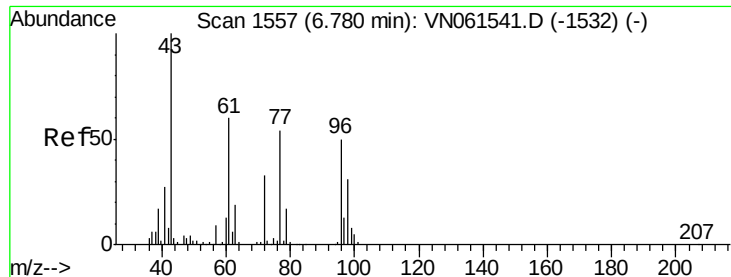
Tot Ion: 43 Resp: 160779
Ion Ratio Lower Upper
43 100
72 33.0 26.0 39.0



#26
2,2-Dichloropropane
Concen: 19.020 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 77 Resp: 101215
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.345 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

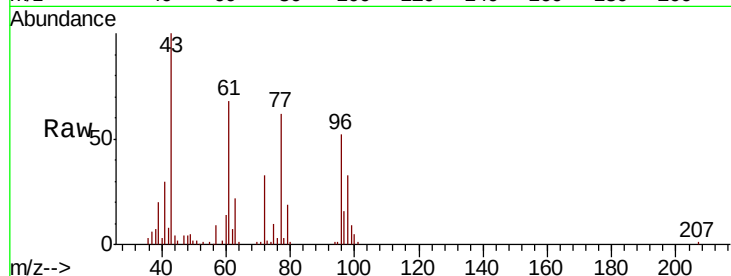
Tot Ion: 96 Resp: 78611

Ion Ratio Lower Upper

96 100

61 126.9 0.0 252.2

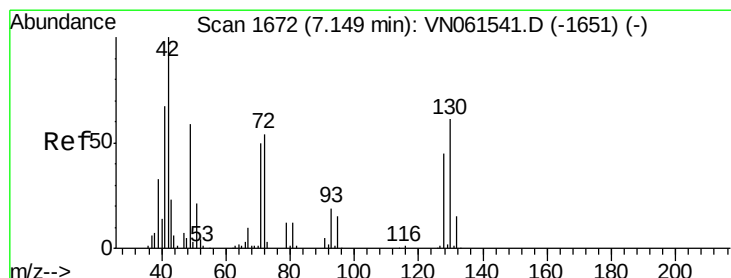
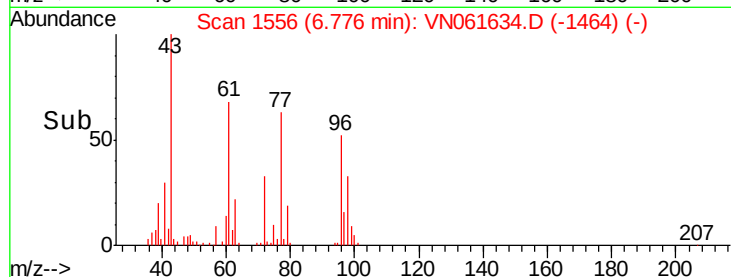
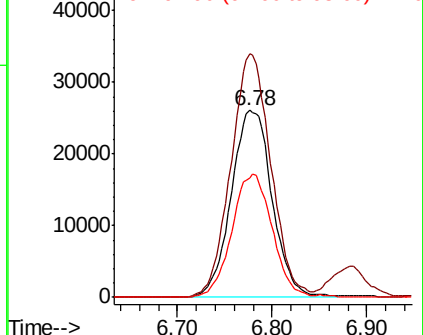
98 64.6 0.0 129.2



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: 20.044 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

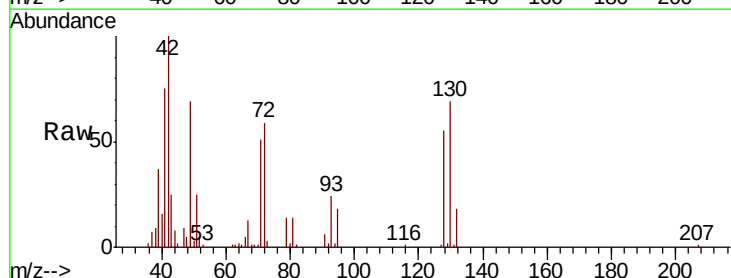
Tgt Ion: 49 Resp: 45575

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

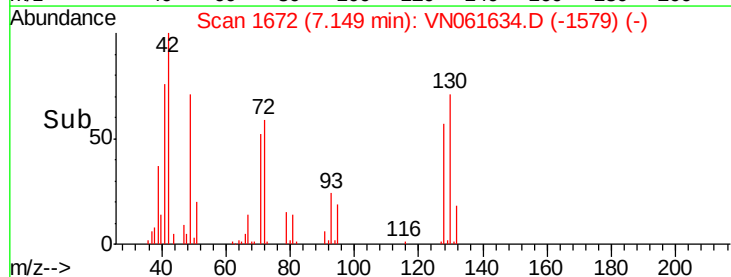
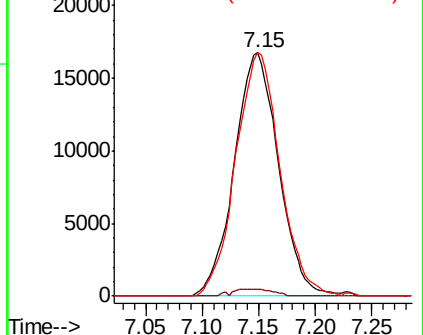
130 100.0 78.8 118.2

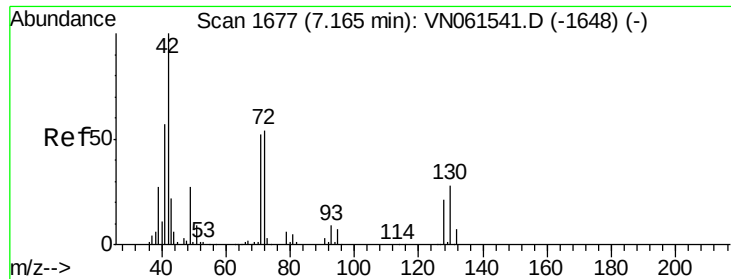


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

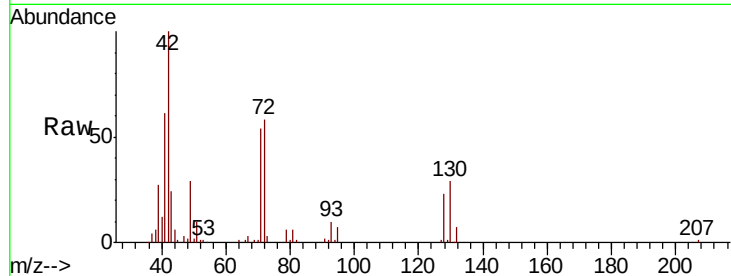




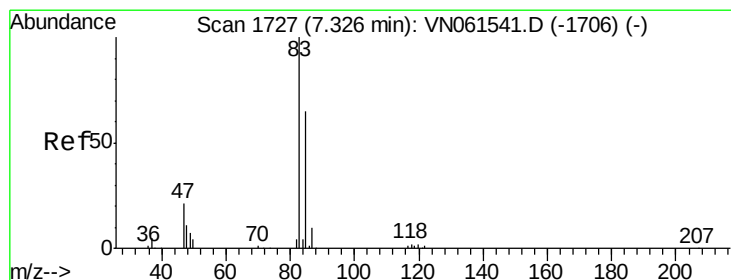
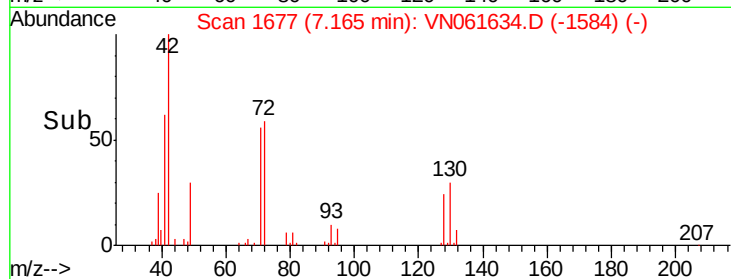
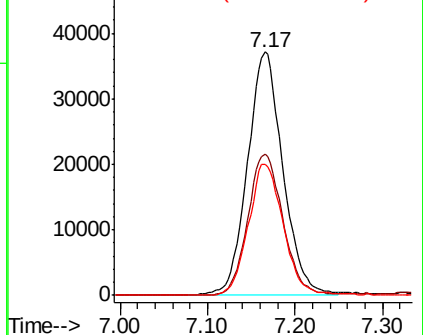
#29
Tetrahydrofuran
Concen: 90.193 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion: 42 Resp: 104582
Ion Ratio Lower Upper
42 100
72 57.5 43.6 65.4
71 52.8 41.2 61.8

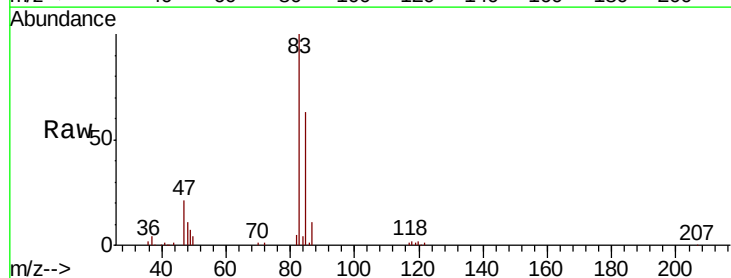


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

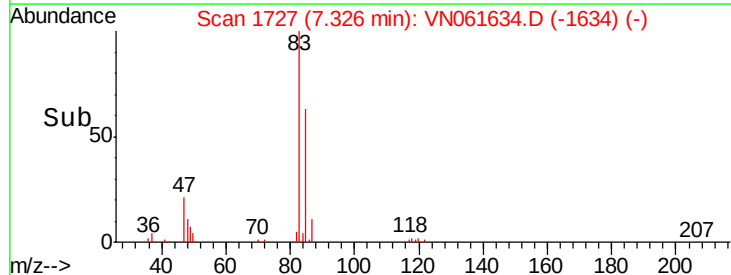
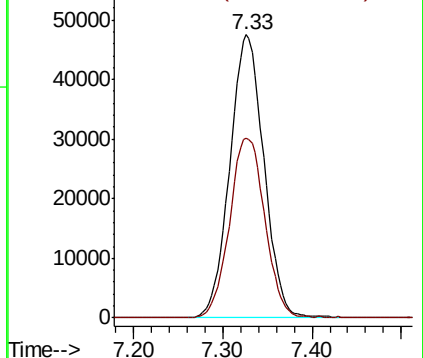


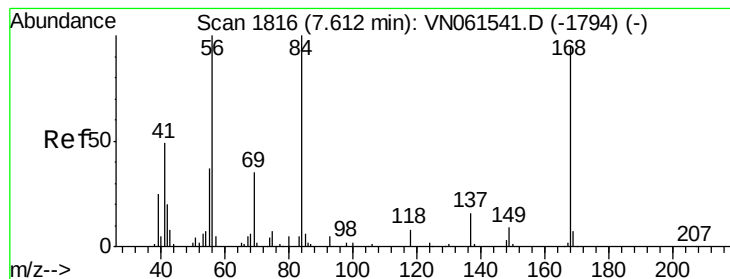
#30
Chloroform
Concen: 19.493 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 83 Resp: 125385
Ion Ratio Lower Upper
83 100
85 63.3 51.7 77.5



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





#31

Cyclohexane

Concen: 18.117 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

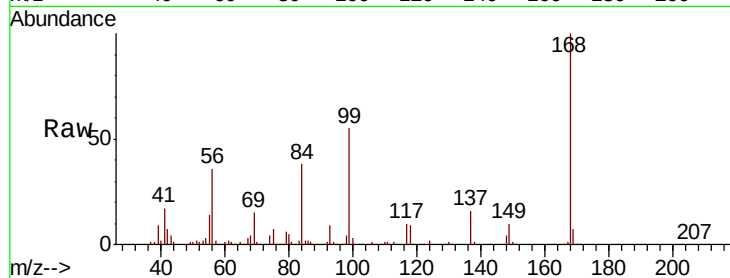
Tot Ion: 56 Resp: 94737

Ion Ratio Lower Upper

56 100

69 41.6 27.8 41.8

84 106.1 79.9 119.9

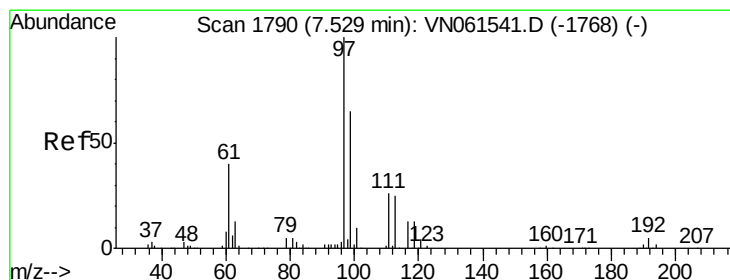
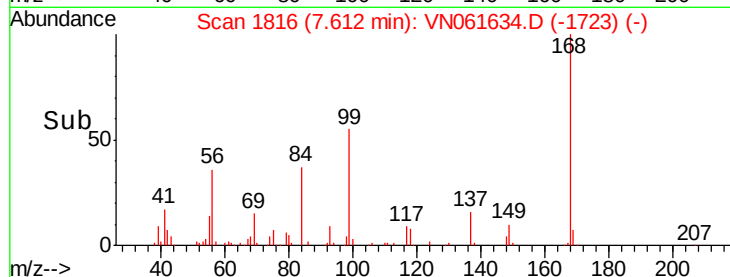
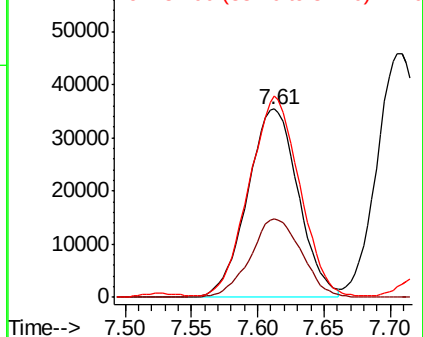


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.927 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

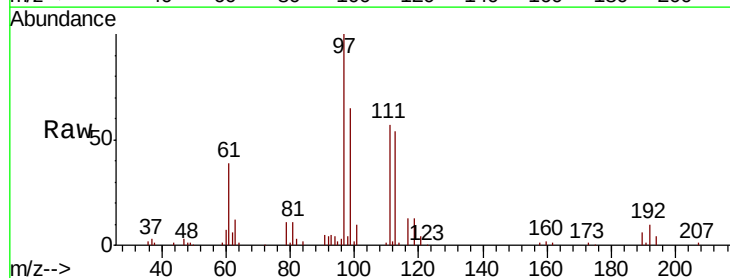
Tgt Ion: 97 Resp: 110934

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 39.2 31.4 47.0

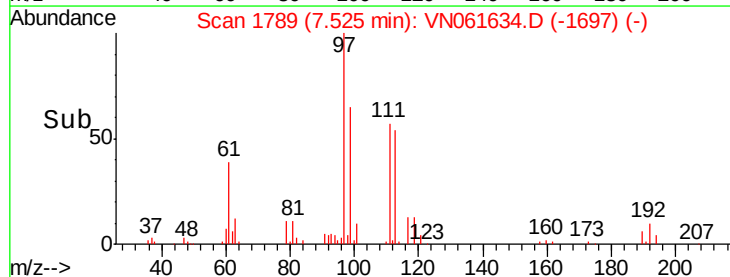
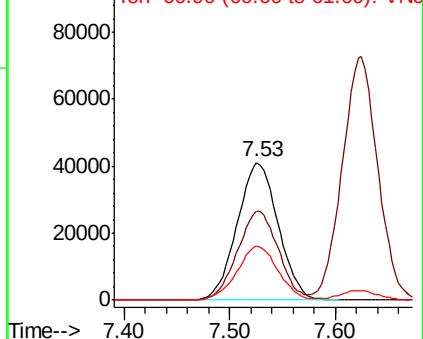


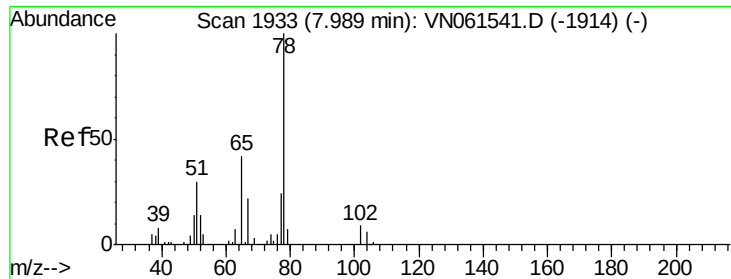
Abundance

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

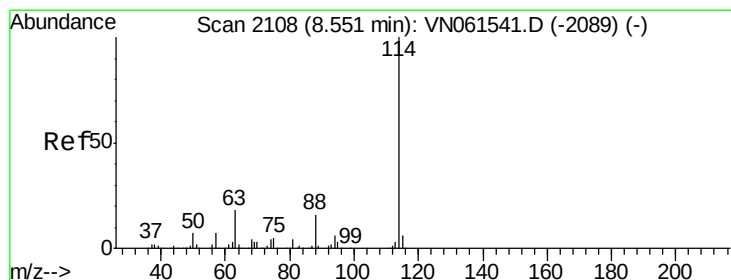
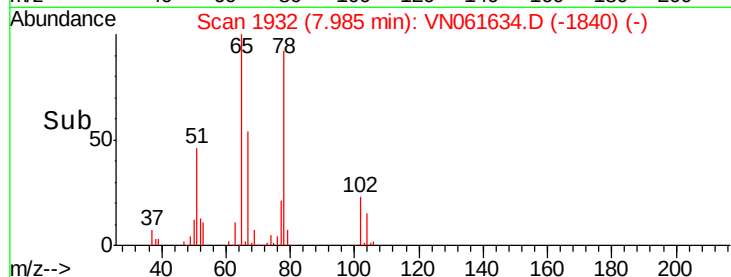
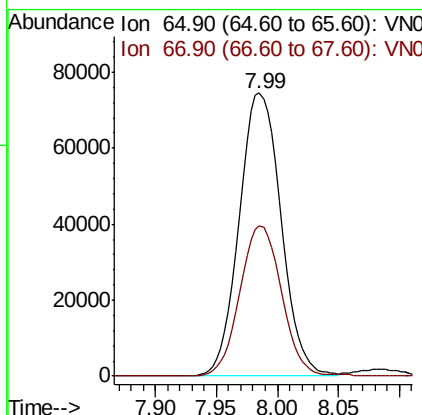
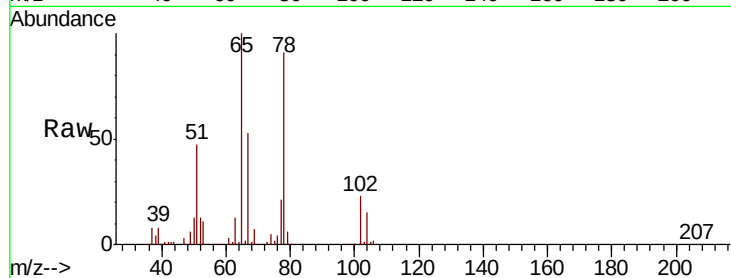




#33
 1,2-Dichloroethane-d4
 Concen: 47.826 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

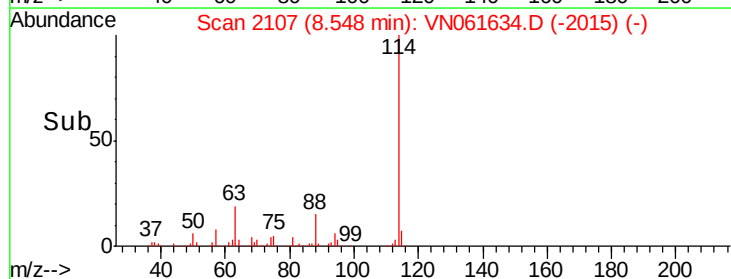
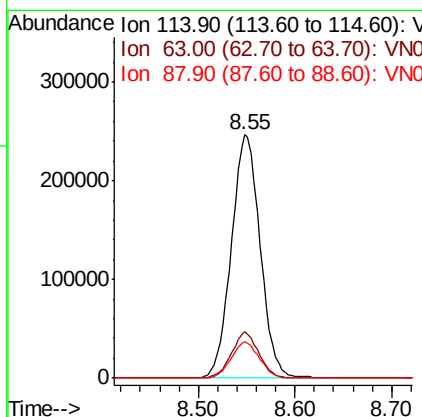
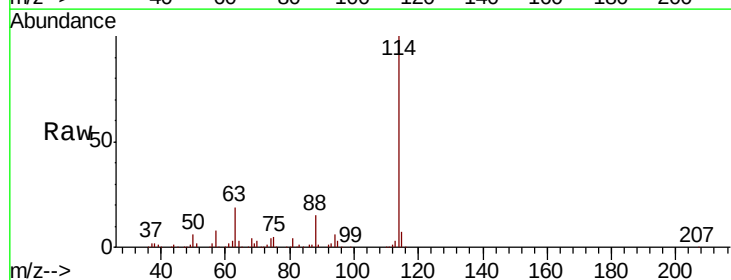
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

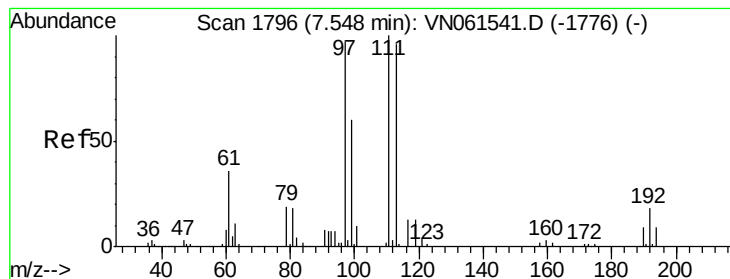
Tot Ion: 65 Resp: 177450
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion: 114 Resp: 509406
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.8
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.198 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

VN0603WBSD01

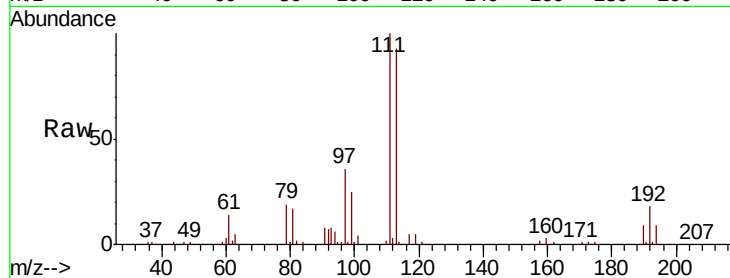
Tot Ion:113 Resp: 134887

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.0

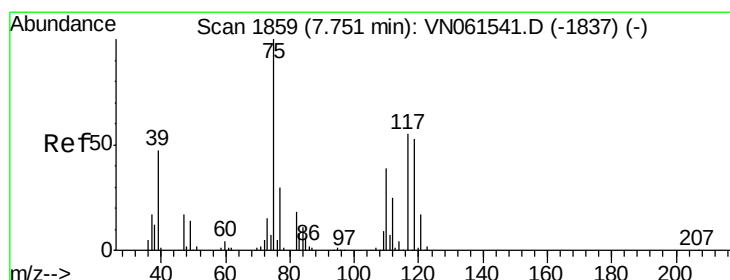
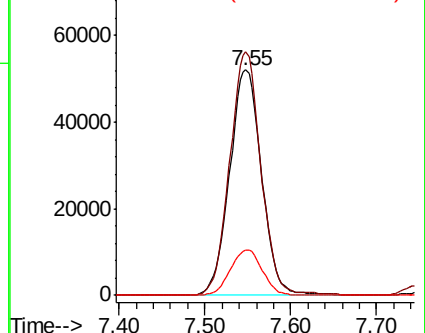
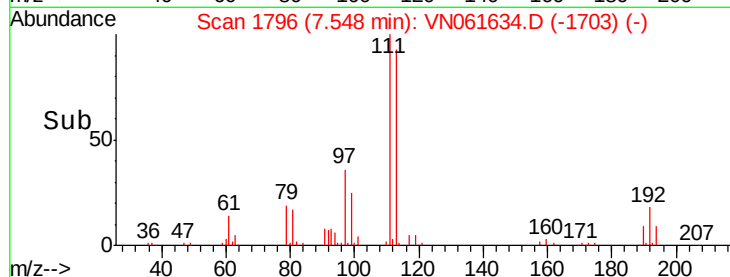
192 20.0 15.4 23.2



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: 19.718 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

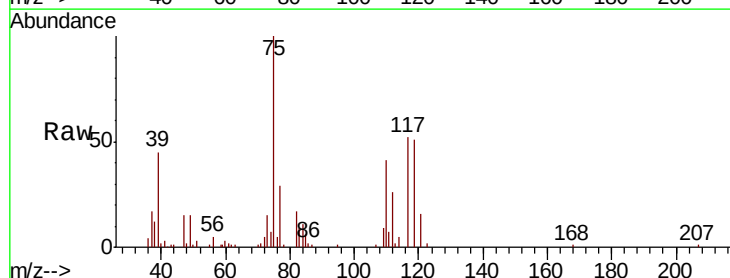
Tgt Ion: 75 Resp: 88918

Ion Ratio Lower Upper

75 100

110 38.9 19.5 58.5

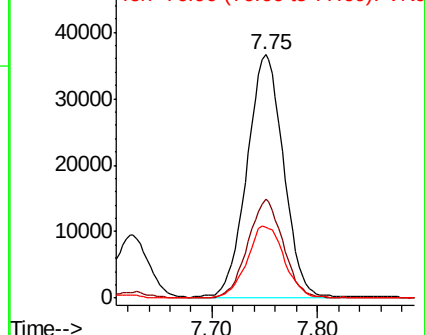
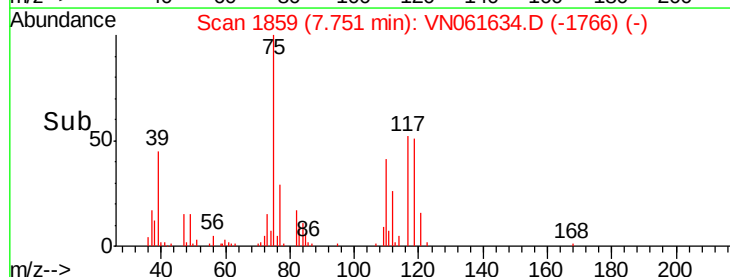
77 30.2 24.7 37.1

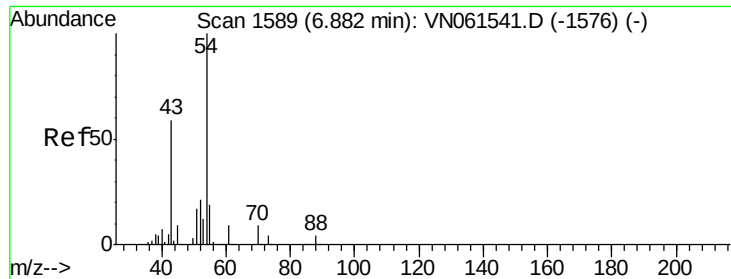


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

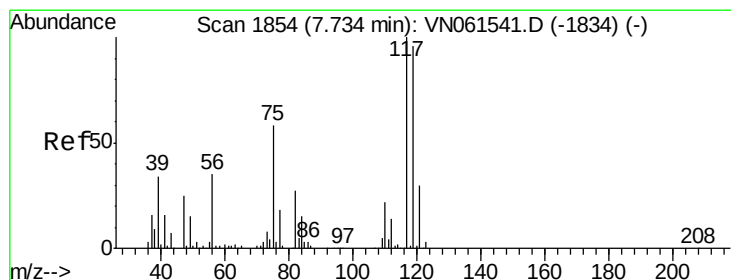
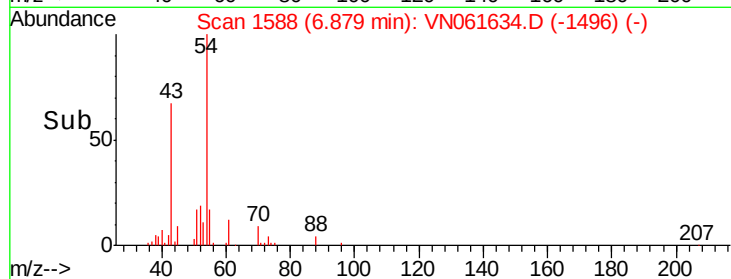
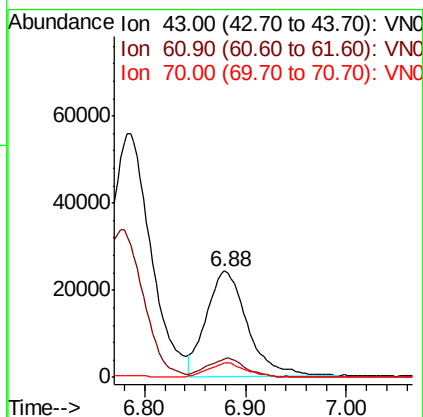
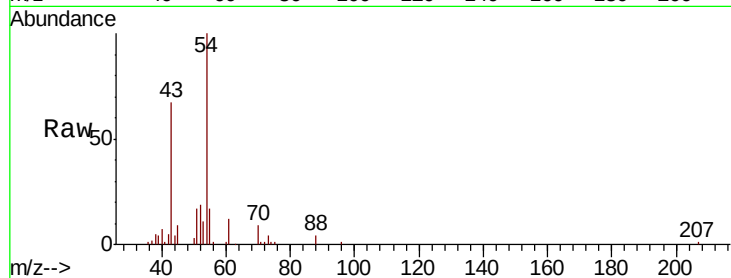




#37
Ethyl Acetate
Concen: 18.688 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

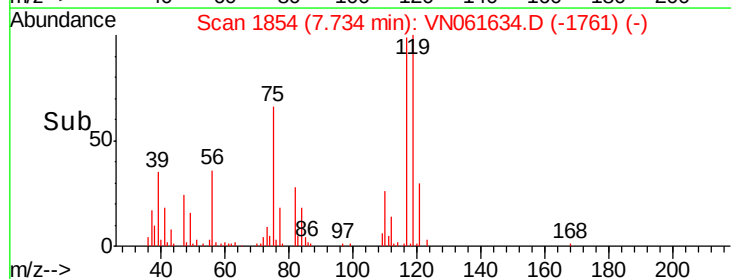
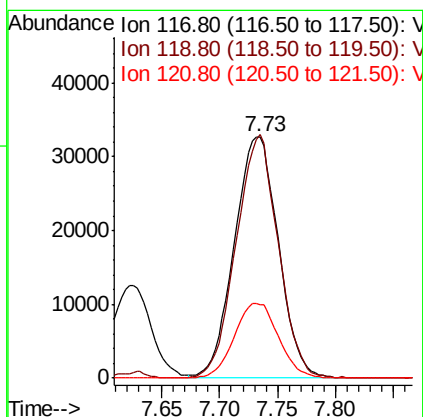
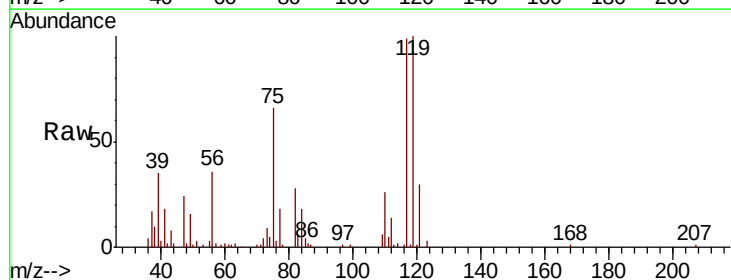
Instrument :
MSVOA_N
ClientSampled :
VN0603WBSD01

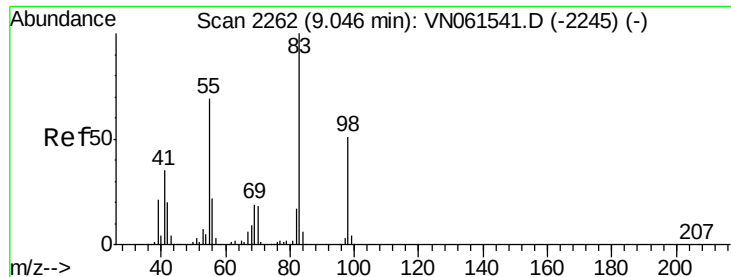
Tot Ion: 43 Resp: 67879
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.4
70 12.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.884 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 117 Resp: 86493
Ion Ratio Lower Upper
117 100
119 101.0 76.5 114.7
121 30.6 24.1 36.1

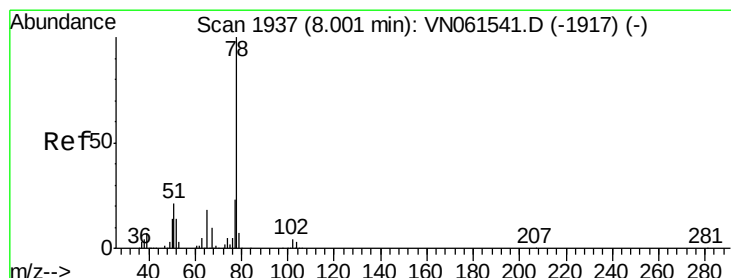
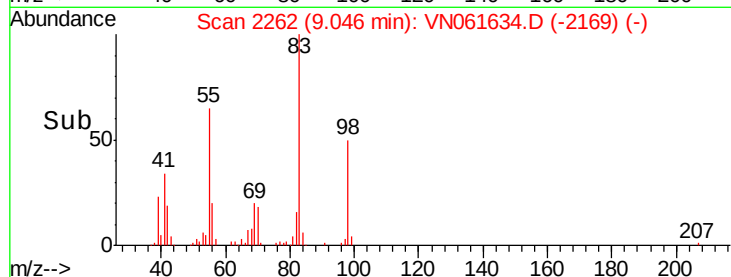
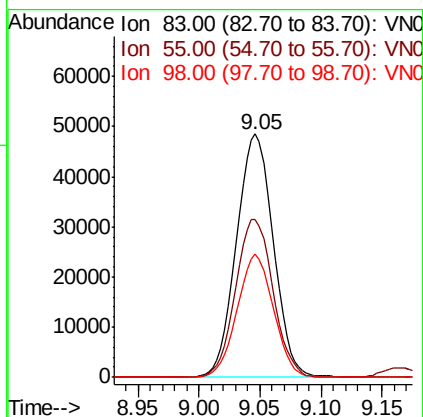
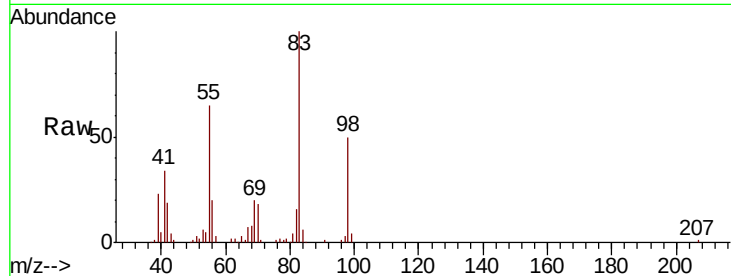




#39
Methylvlcyclohexane
Concen: 18.270 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

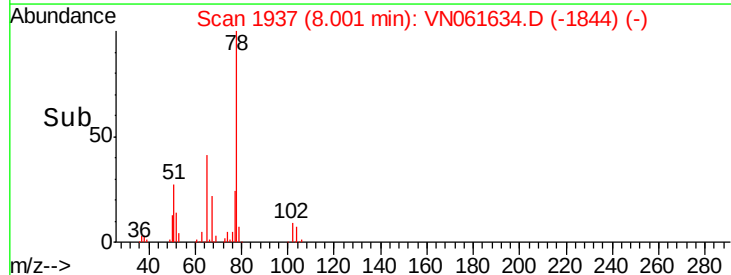
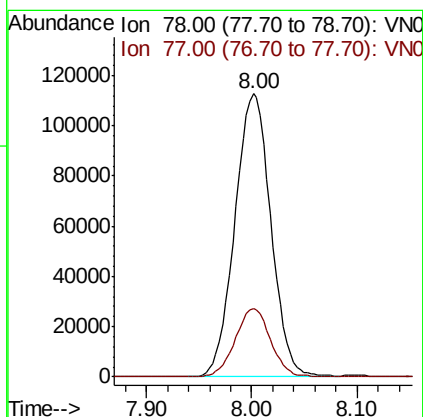
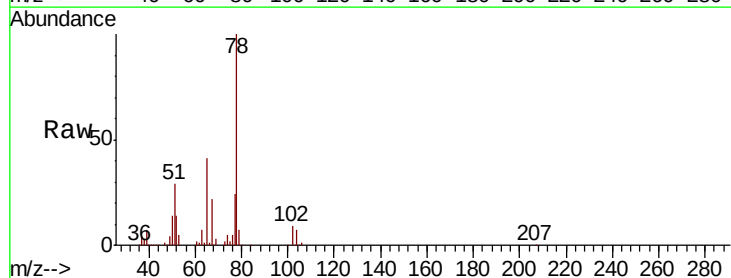
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

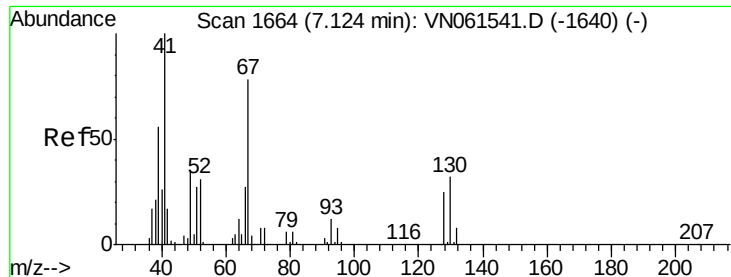
Tot Ion: 83 Resp: 101549
Ion Ratio Lower Upper
83 100
55 64.9 54.9 82.3
98 50.4 41.0 61.4



#40
Benzene
Concen: 19.245 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 78 Resp: 267771
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

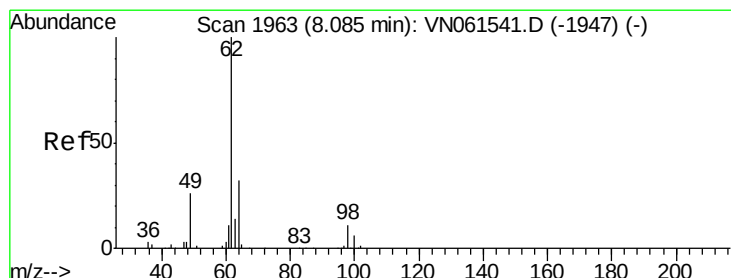
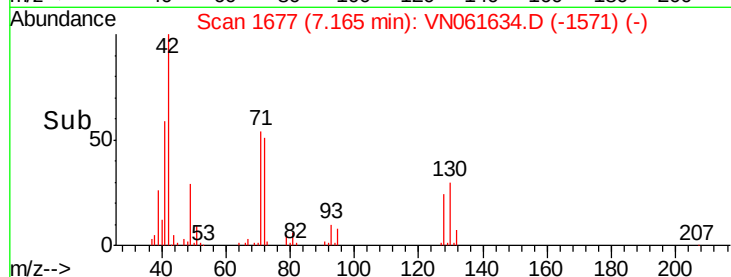
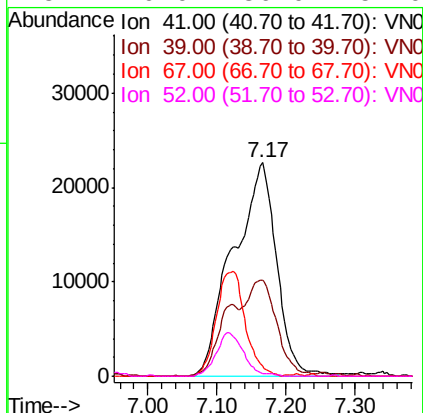
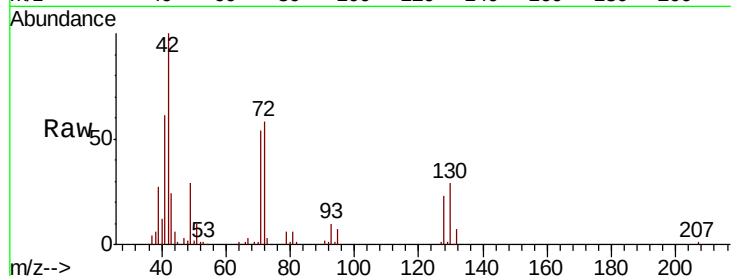




#41
Methacrylonitrile
Concen: 59.064 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

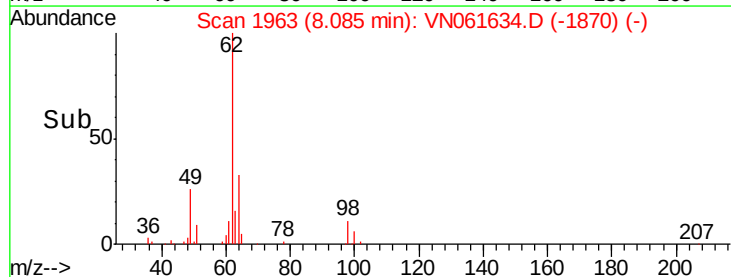
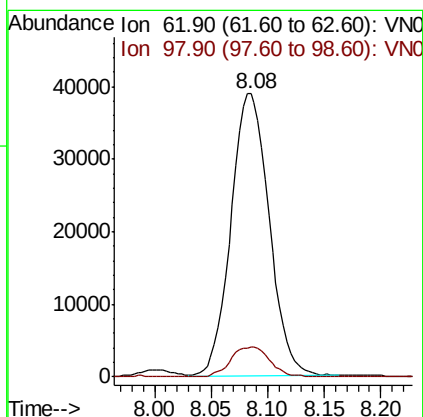
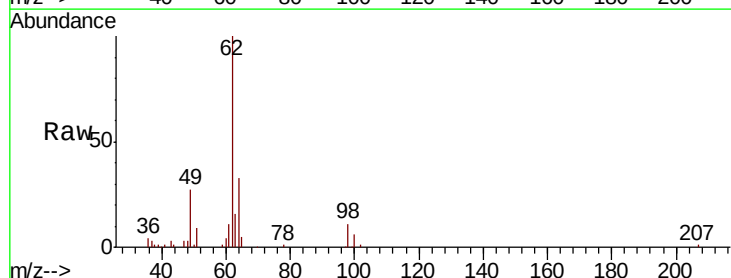
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

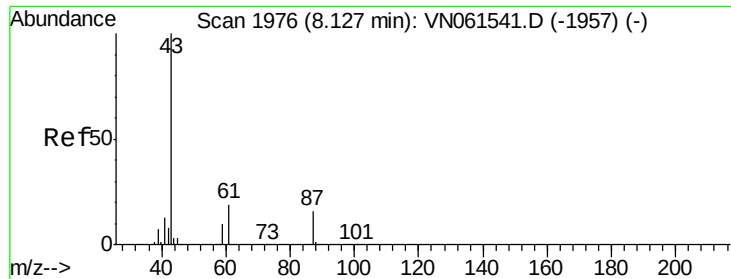
Tot Ion: 41 Resp: 98290
Ion Ratio Lower Upper
41 100
39 0.0 53.8 80.6#
67 0.0 91.1 136.7#
52 0.0 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 19.704 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 62 Resp: 91784
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4



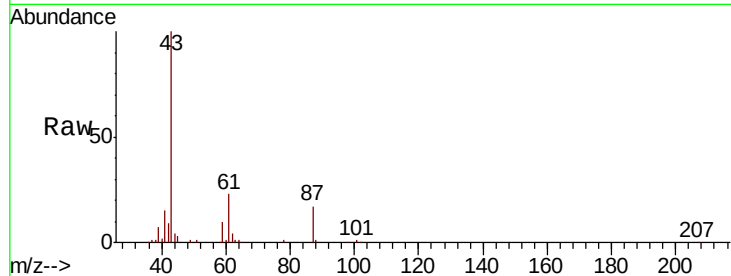


#43

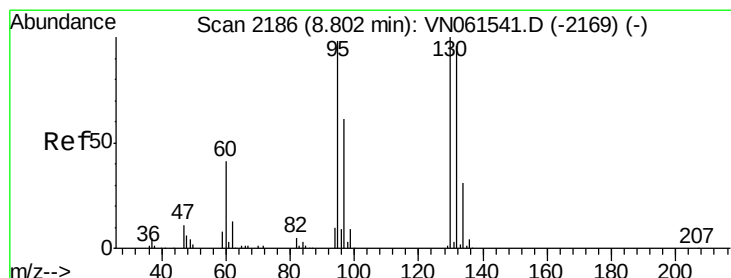
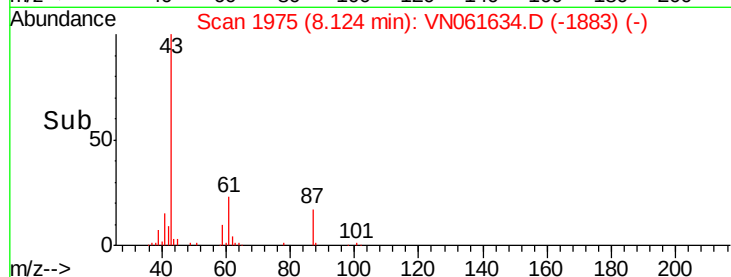
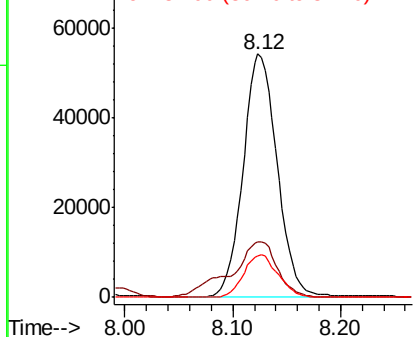
Isopropyl Acetate
 Concen: 18.272 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0603WBSD01

Tot Ion: 43 Resp: 119398
 Ion Ratio Lower Upper
 43 100
 61 31.2 23.6 35.4
 87 17.5 13.0 19.6



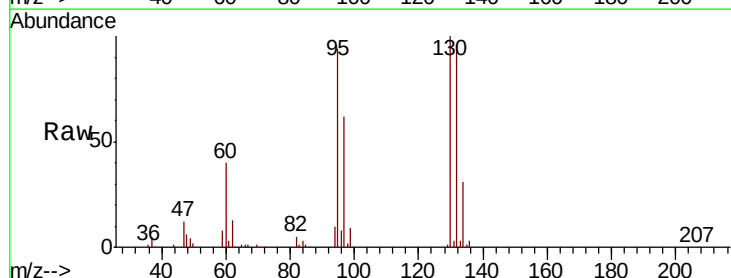
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



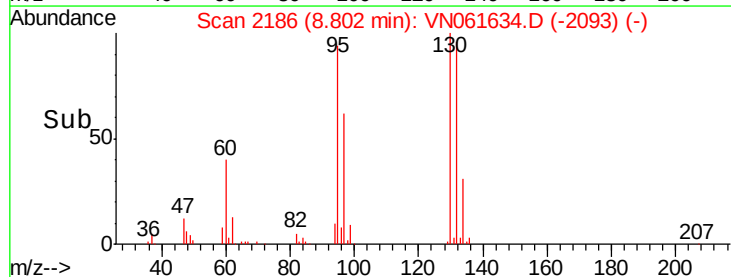
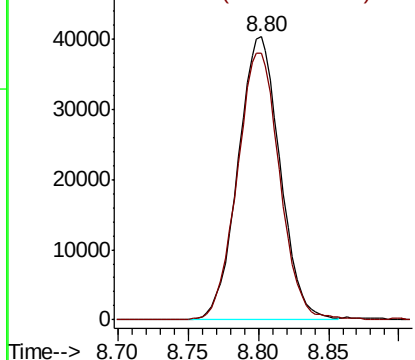
#44

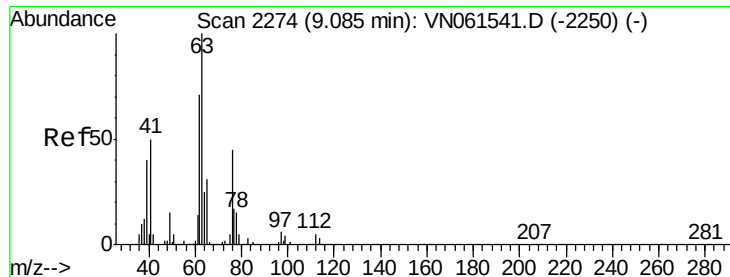
Trichloroethene
 Concen: 19.624 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion:130 Resp: 83913
 Ion Ratio Lower Upper
 130 100
 95 94.1 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.837 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

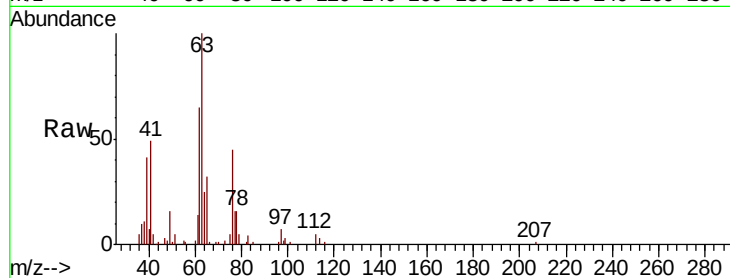
VN0603WBSD01

Tot Ion: 63 Resp: 65541

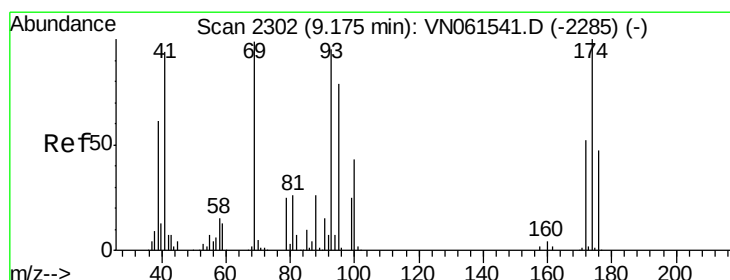
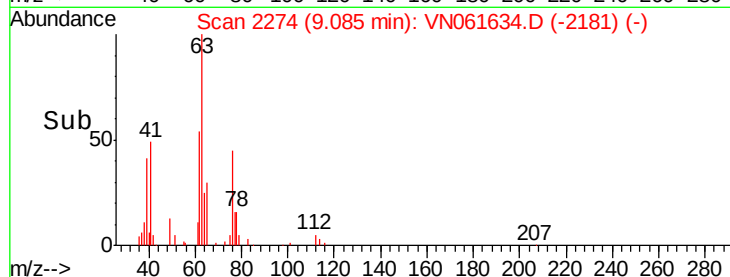
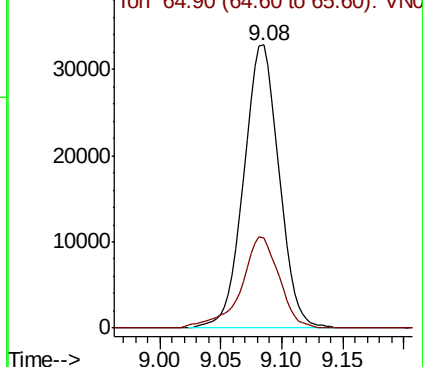
Ion Ratio Lower Upper

63 100

65 31.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061634.D (-2250) (-)



#46

Dibromomethane

Concen: 19.537 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

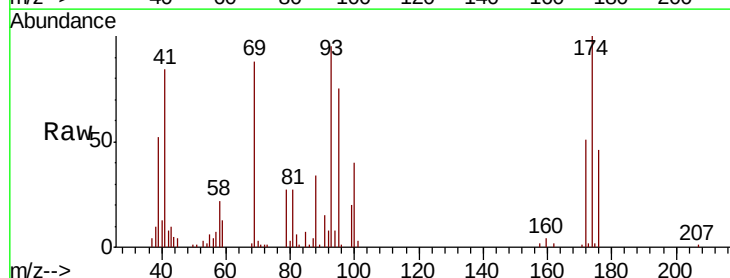
Tgt Ion: 93 Resp: 49506

Ion Ratio Lower Upper

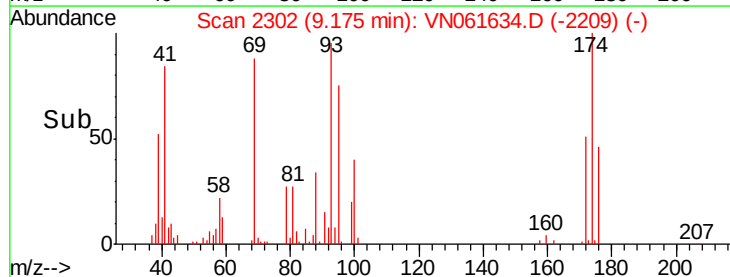
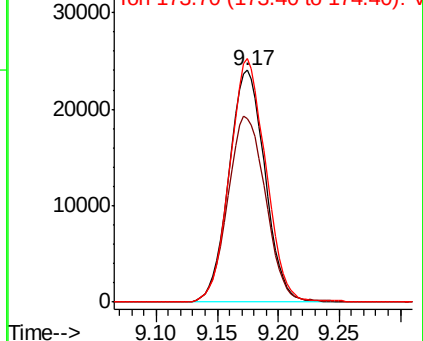
93 100

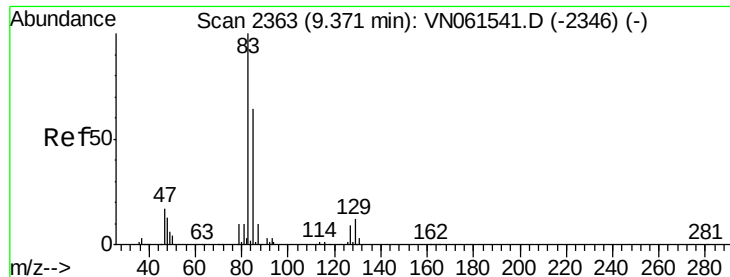
95 83.7 66.0 99.0

174 104.2 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061634.D (-2285) (-)





#47

Bromodichloromethane

Concen: 19.529 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

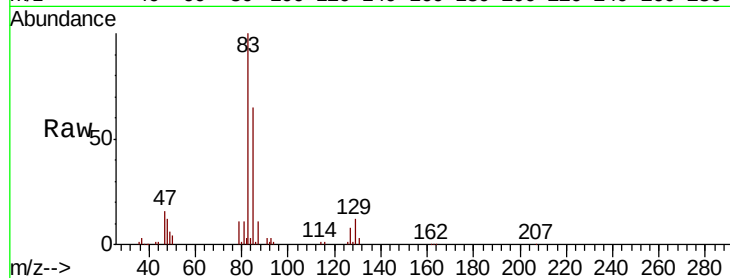
Tot Ion: 83 Resp: 98041

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

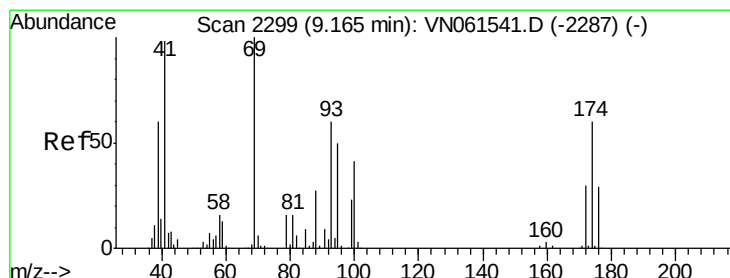
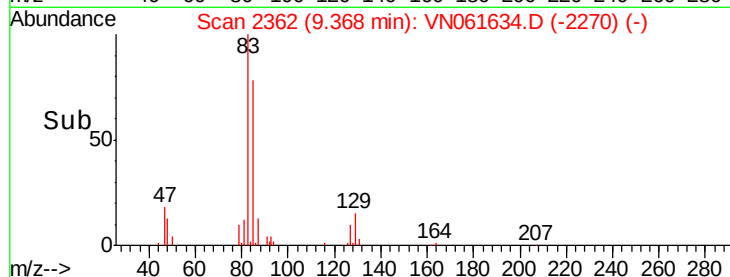
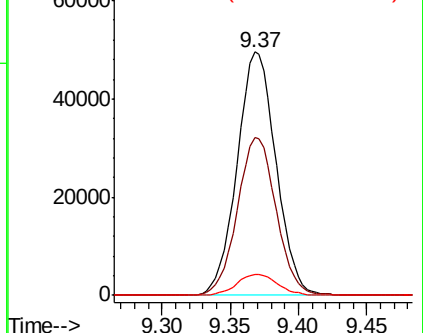
127 8.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061634.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061634.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061634.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.034 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

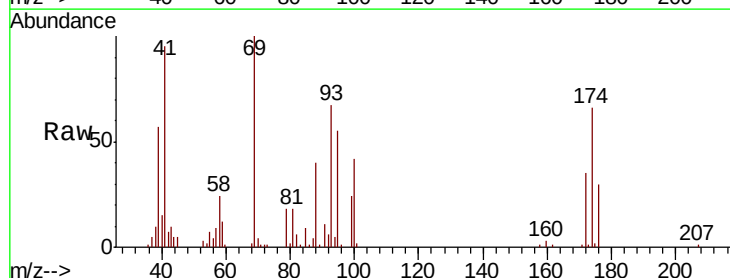
Tgt Ion: 41 Resp: 50080

Ion Ratio Lower Upper

41 100

69 110.5 83.9 125.9

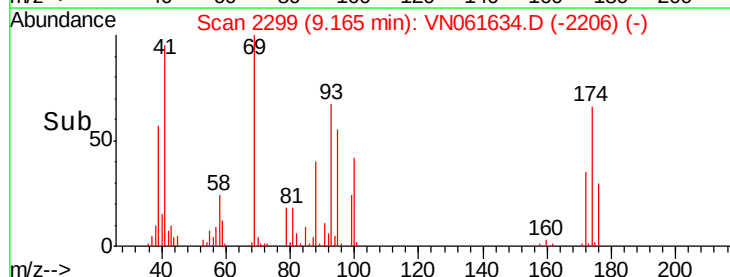
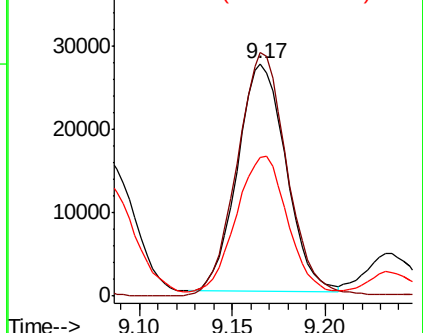
39 64.7 52.1 78.1

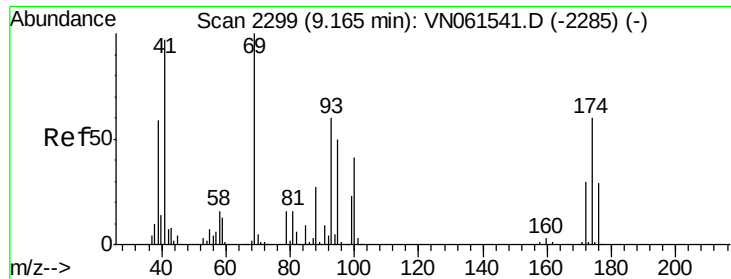


Abundance Ion 41.00 (40.70 to 41.70): VN061634.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061634.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061634.D (-2206) (-)

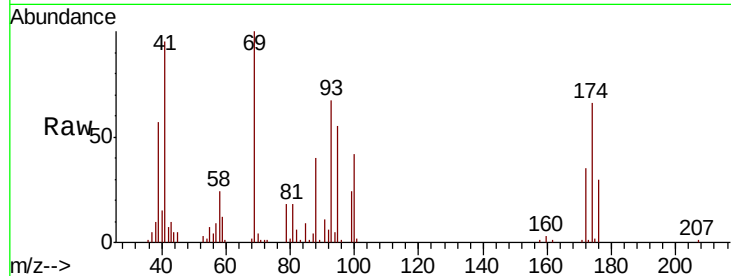




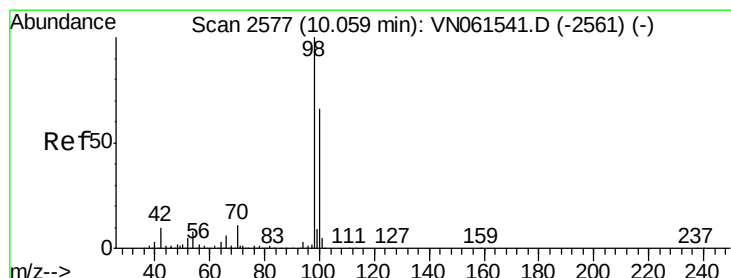
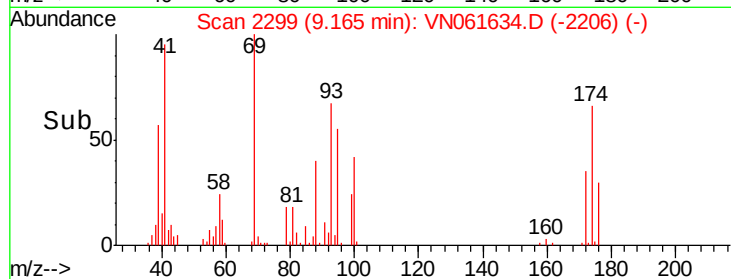
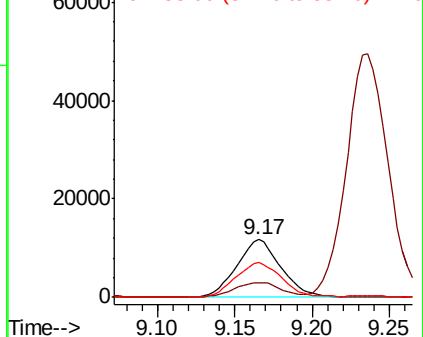
#49
1,4-Dioxane
Concen: 512.797 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion: 88 Resp: 23356
Ion Ratio Lower Upper
88 100
43 27.1 23.1 34.7
58 62.8 48.3 72.5

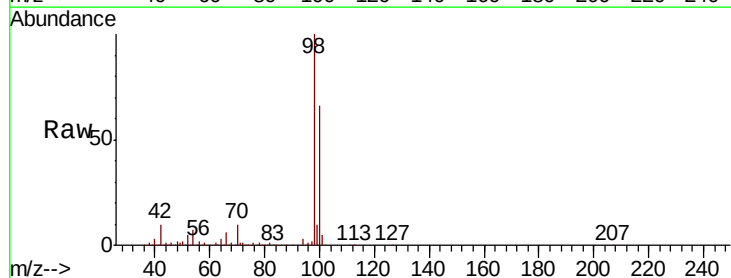


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

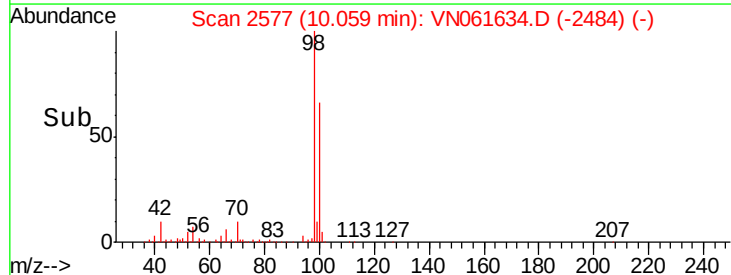
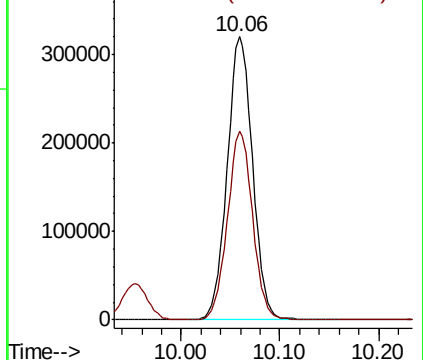


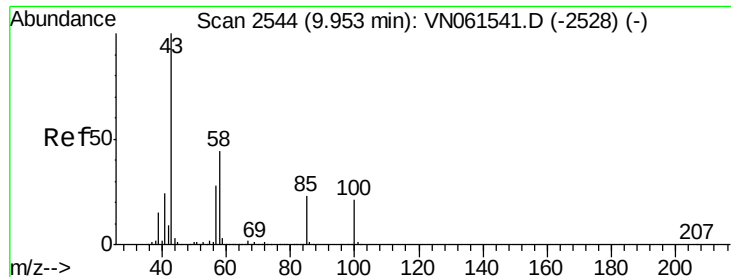
#50
Toluene-d8
Concen: 48.276 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 98 Resp: 578108
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



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

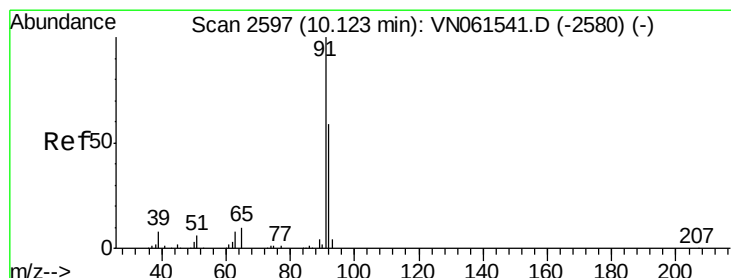
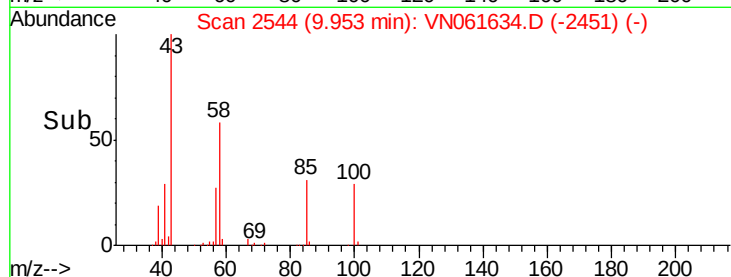
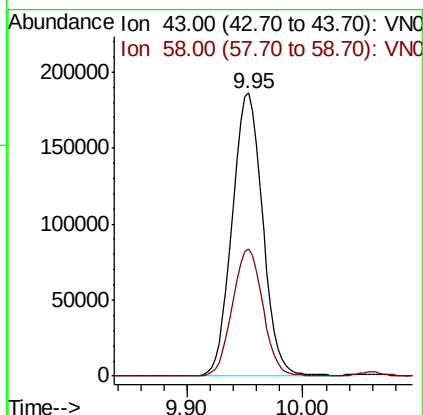
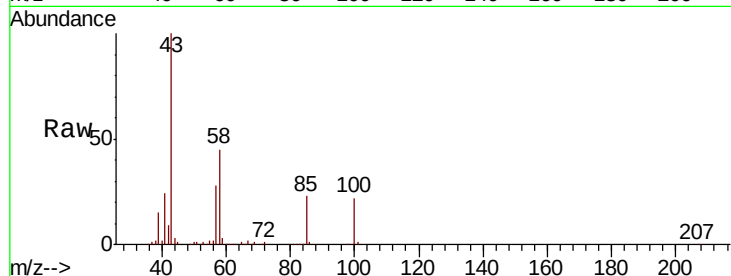




#51
 4-Methyl-2-Pentanone
 Concen: 92.163 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

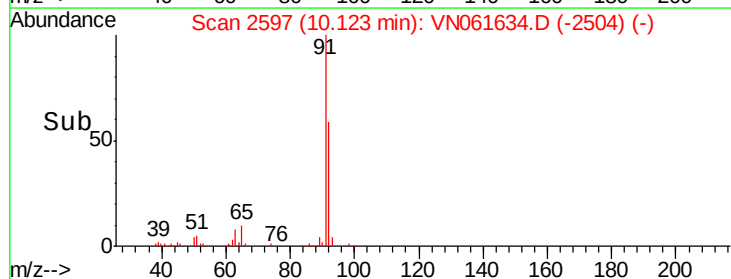
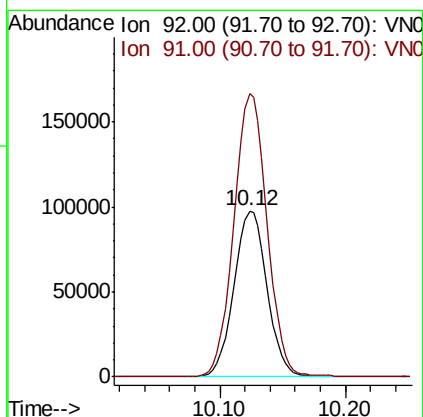
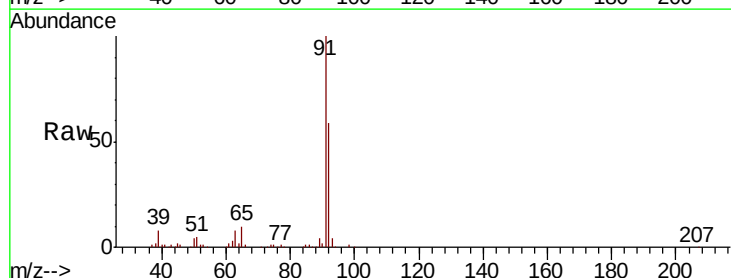
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

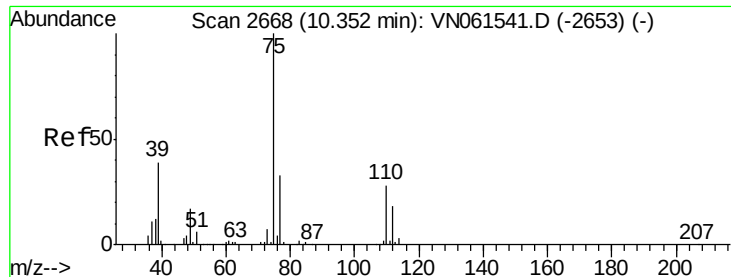
Tot Ion: 43 Resp: 339385
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.0 52.6



#52
 Toluene
 Concen: 19.720 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion: 92 Resp: 179089
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.093 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

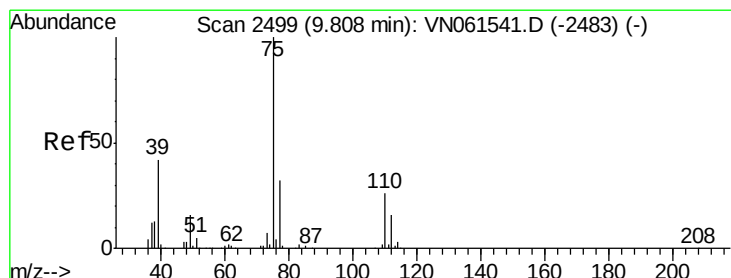
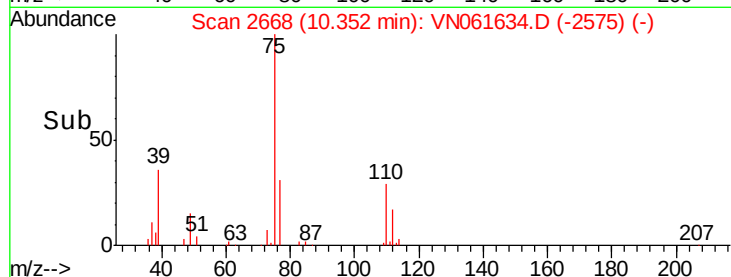
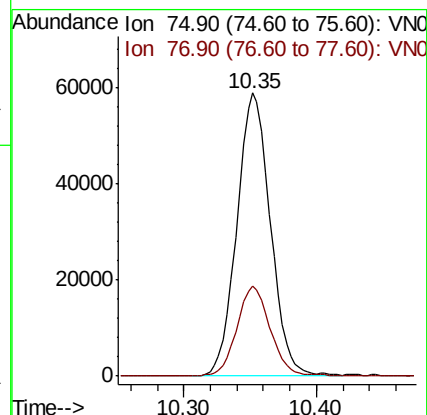
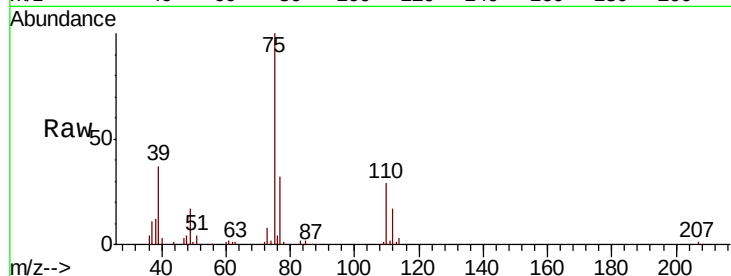
VN0603WBSD01

Tot Ion: 75 Resp: 103258

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.282 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

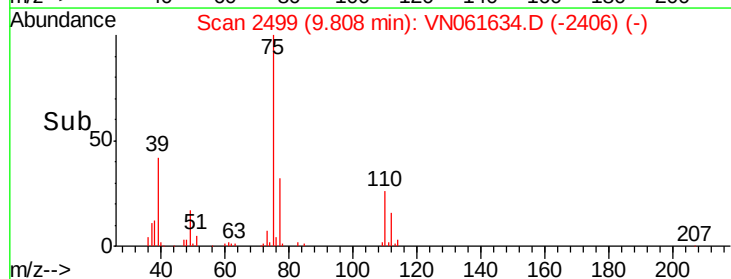
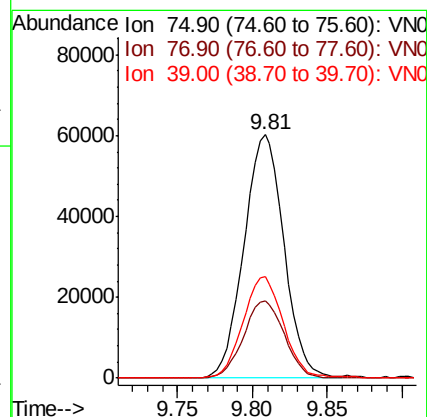
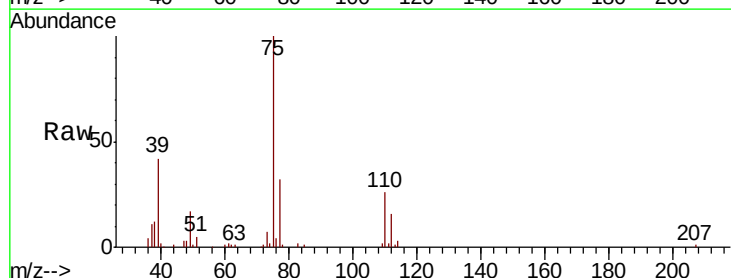
Tgt Ion: 75 Resp: 112129

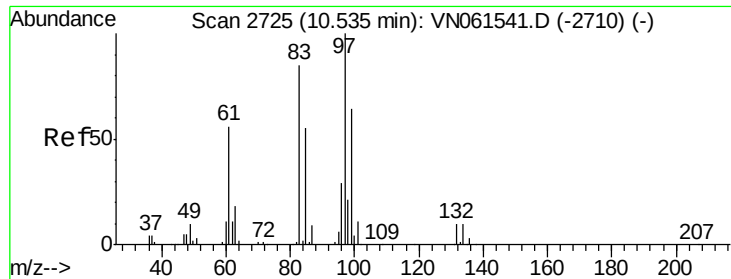
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 41.5 33.8 50.6



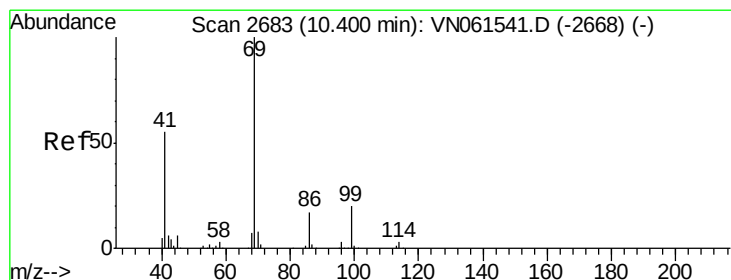
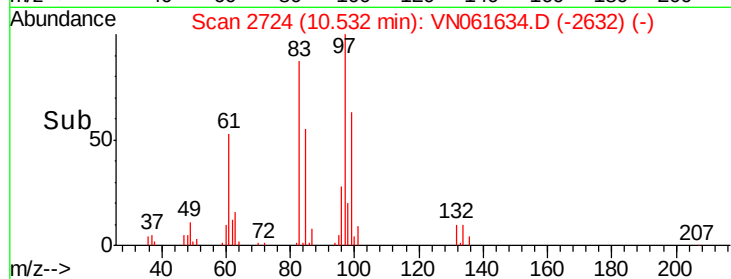
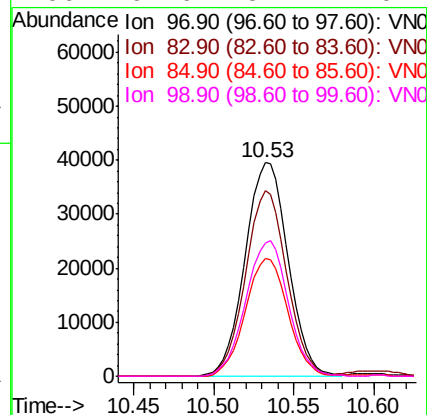
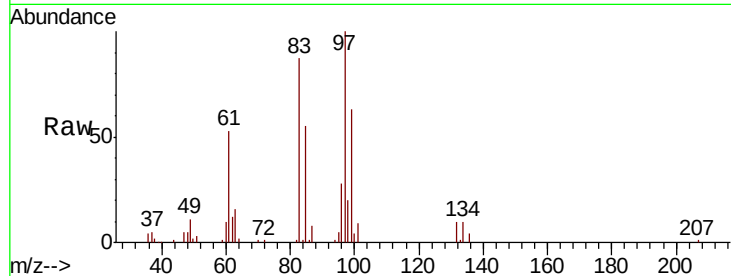


#55
 1,1,2-Trichloroethane
 Concen: 20.071 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion: 97 Resp: 72619

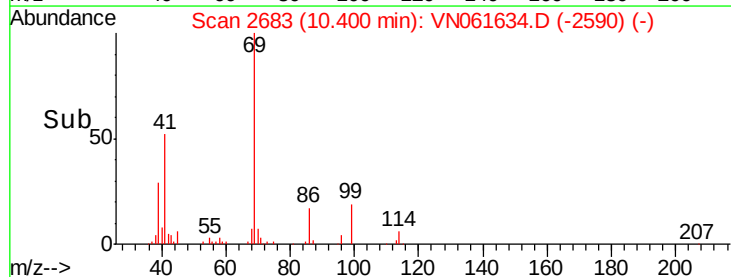
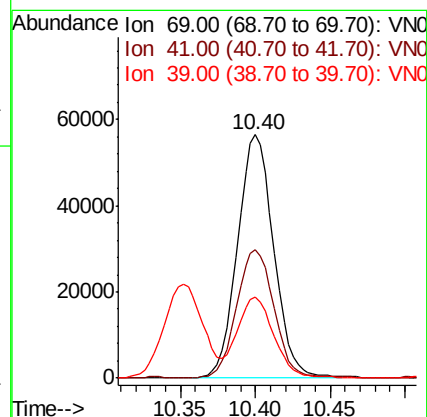
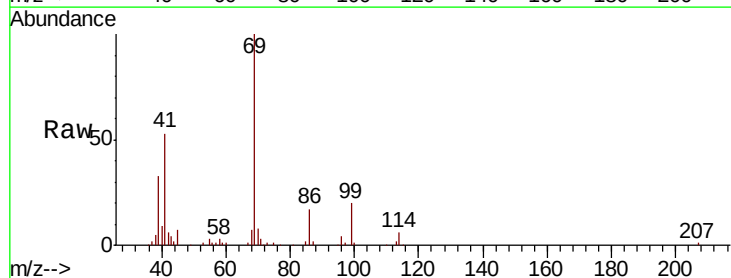
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.1	102.1
85	55.3	44.1	66.1
99	62.6	51.1	76.7

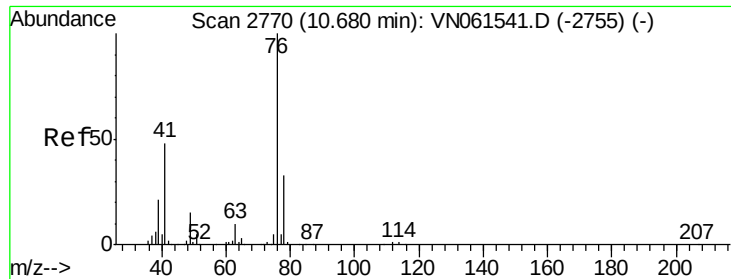


#56
 Ethyl methacrylate
 Concen: 18.851 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion: 69 Resp: 95274

Ion	Ratio	Lower	Upper
69	100		
41	54.9	43.5	65.3
39	33.3	27.0	40.6





#57

1,3-Dichloropropane

Concen: 19.873 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

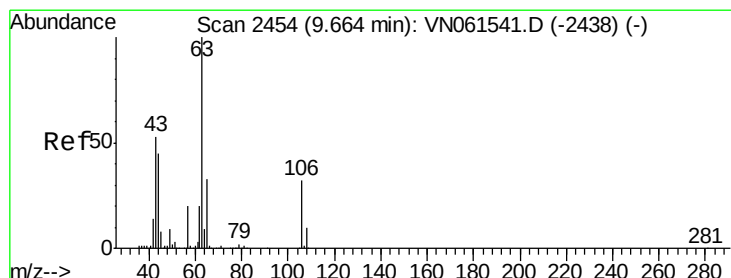
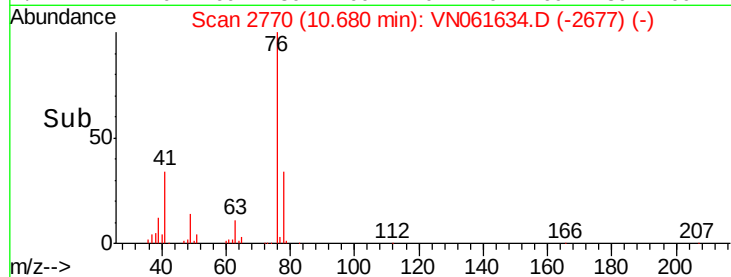
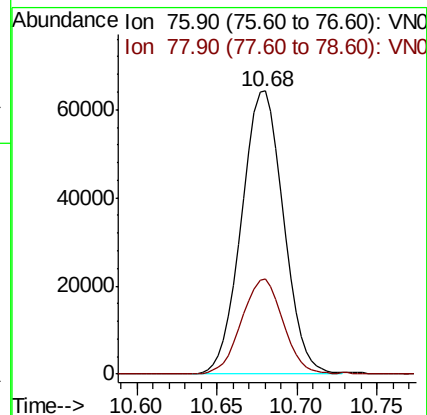
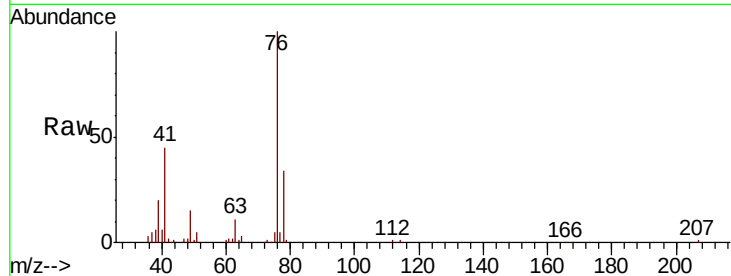
VN0603WBSD01

Tot Ion: 76 Resp: 115002

Ion Ratio Lower Upper

76 100

78 33.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 85.718 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061634.D

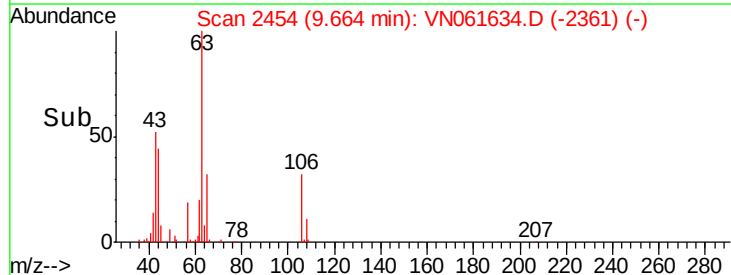
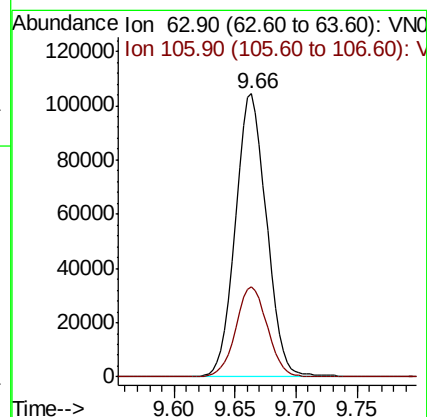
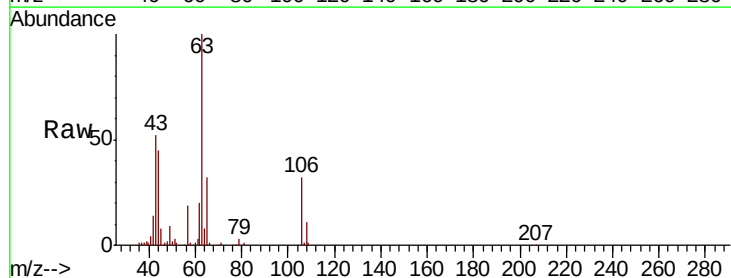
Acq: 3 Jun 2020 13:35

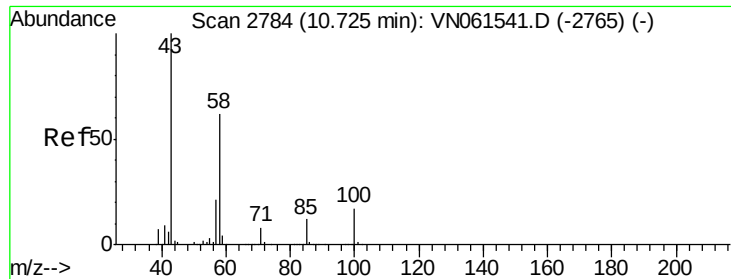
Tgt Ion: 63 Resp: 185142

Ion Ratio Lower Upper

63 100

106 32.4 25.9 38.9

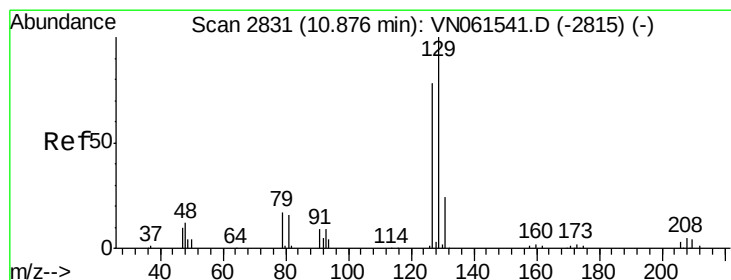
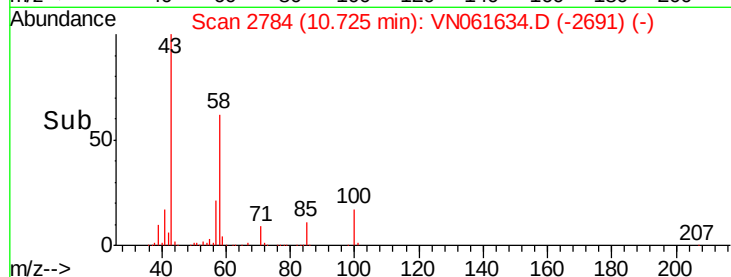
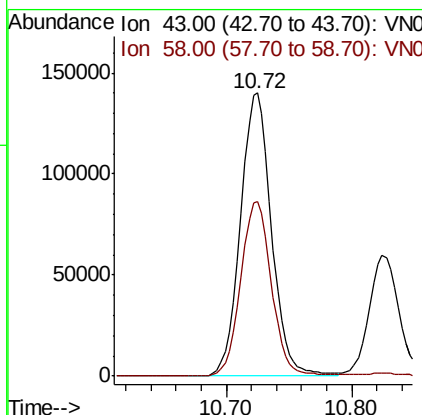
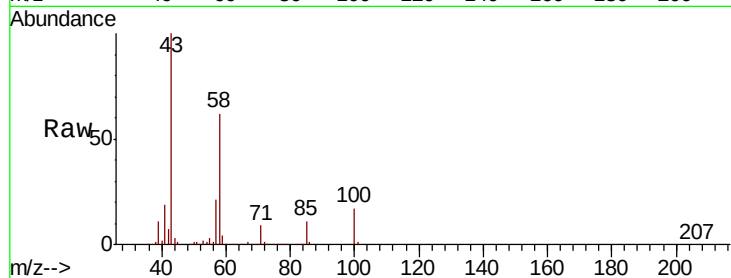




#59
2-Hexanone
Concen: 91.163 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

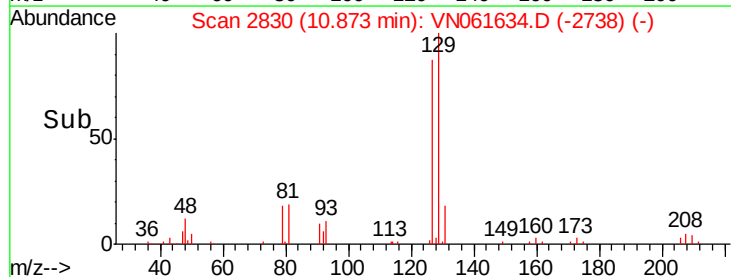
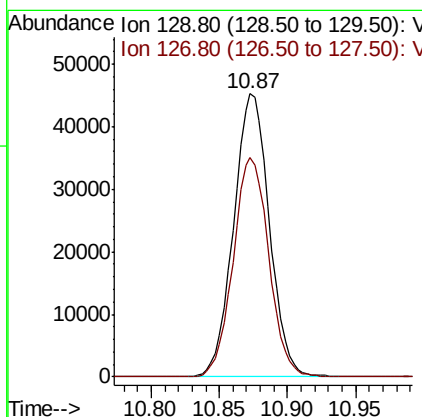
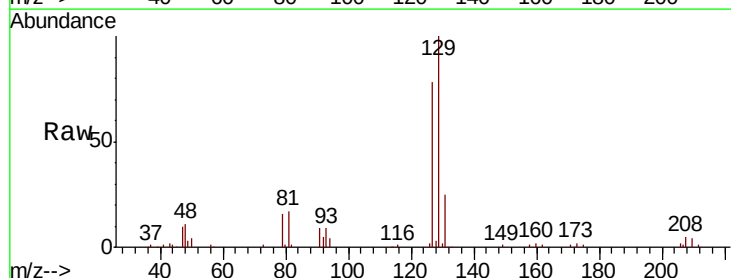
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

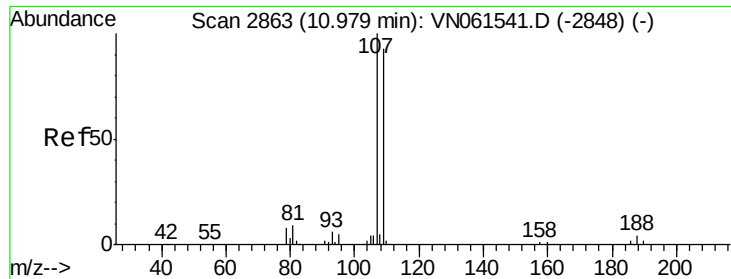
Tot Ion: 43 Resp: 241094
Ion Ratio Lower Upper
43 100
58 61.3 30.7 92.1



#60
Dibromochloromethane
Concen: 20.006 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 129 Resp: 82290
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3

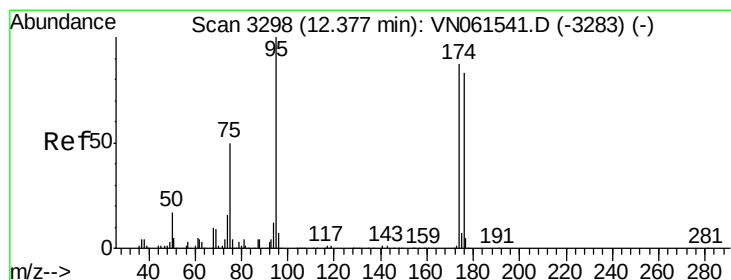
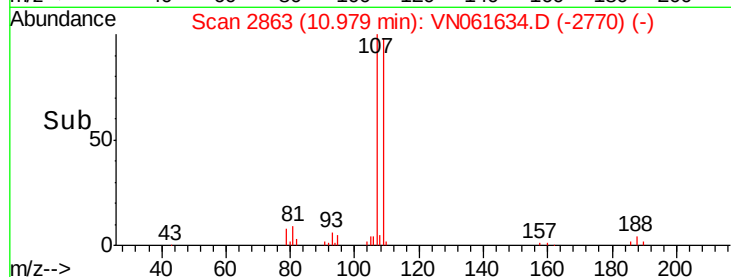
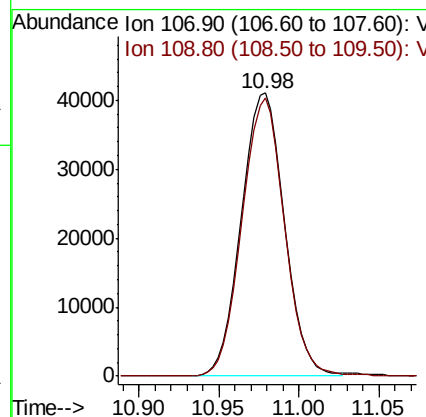
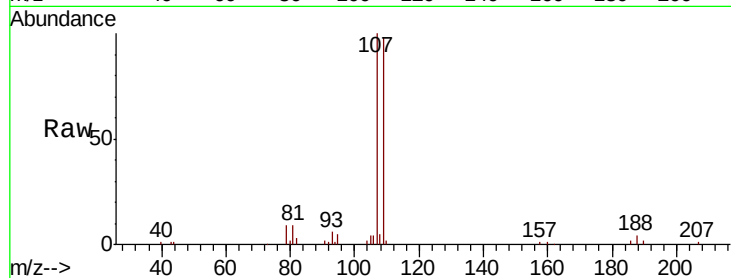




#61
 1,2-Dibromoethane
 Concen: 19.957 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

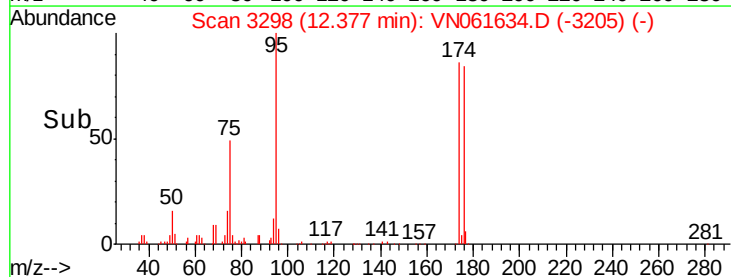
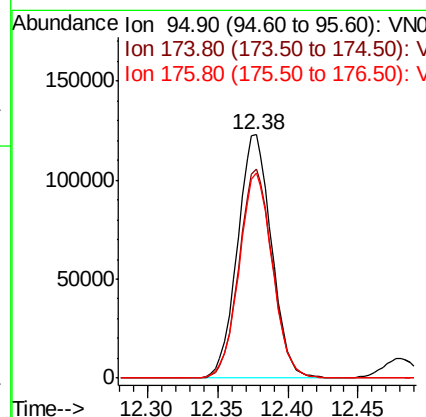
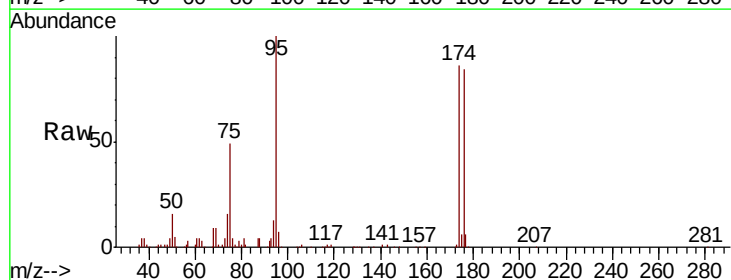
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

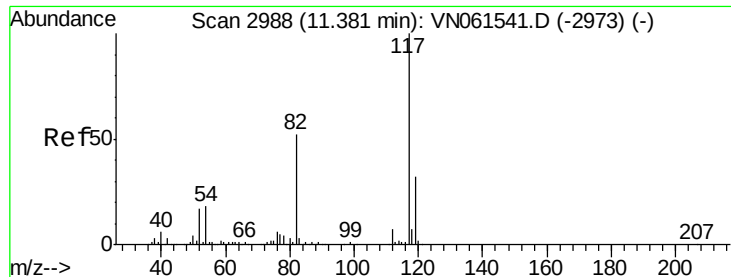
Tot Ion:107 Resp: 75307
 Ion Ratio Lower Upper
 107 100
 109 97.0 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.486 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion: 95 Resp: 207465
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 172.8
 176 82.7 0.0 164.8

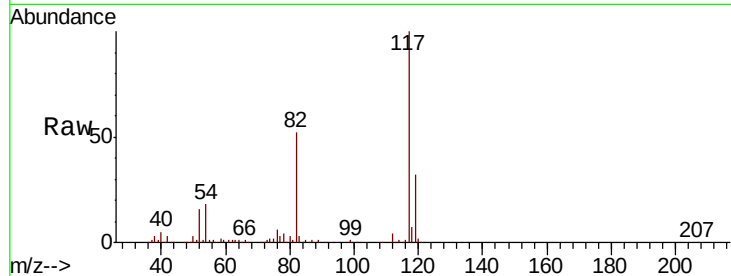




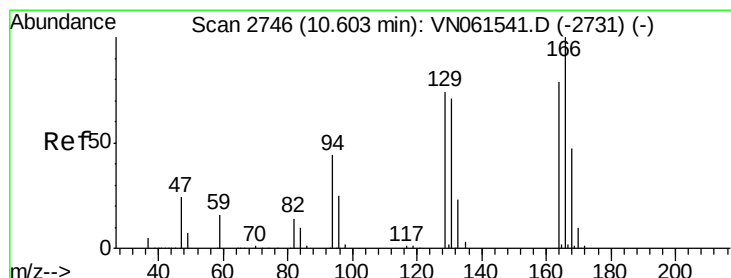
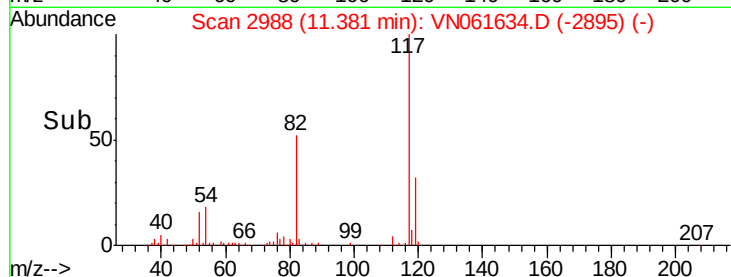
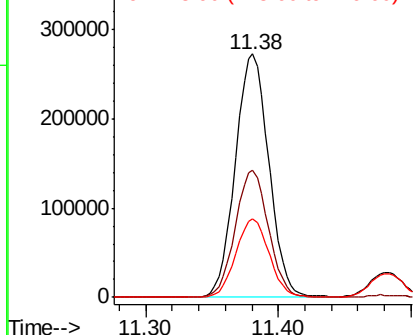
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampled :
VN0603WBSD01

Tot Ion:117 Resp: 478854
Ion Ratio Lower Upper
117 100
82 52.1 41.5 62.3
119 32.2 25.6 38.4

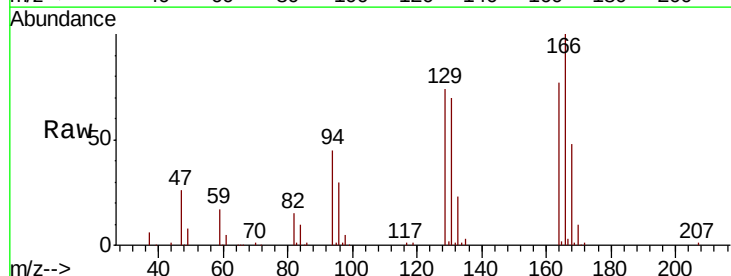


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

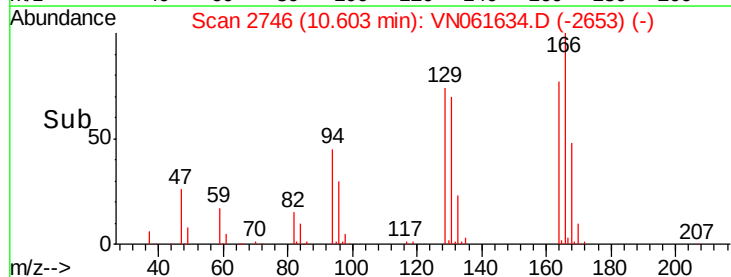
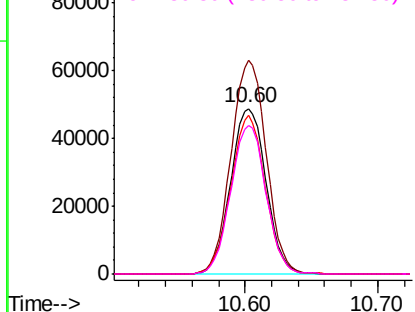


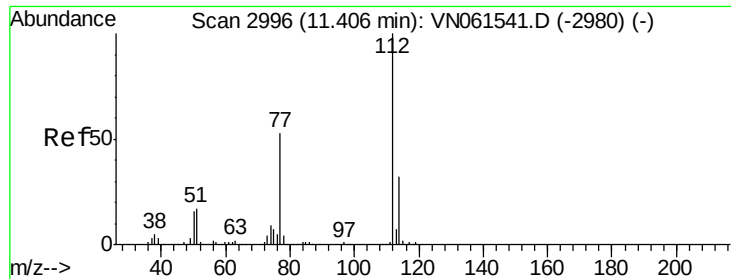
#64
Tetrachloroethene
Concen: 20.161 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion:164 Resp: 90877
Ion Ratio Lower Upper
164 100
166 129.1 101.5 152.3
129 95.8 74.9 112.3
131 89.9 72.2 108.2



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

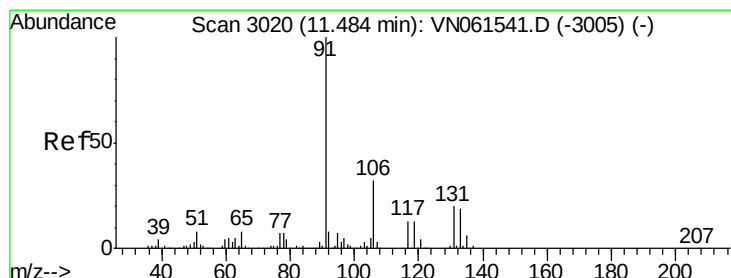
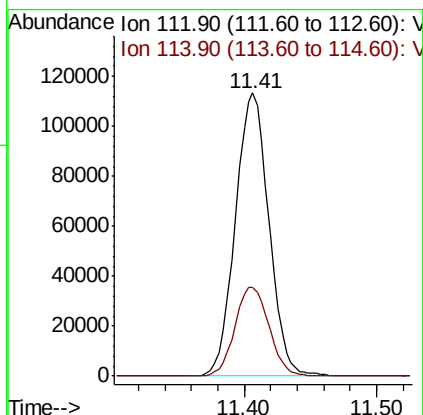
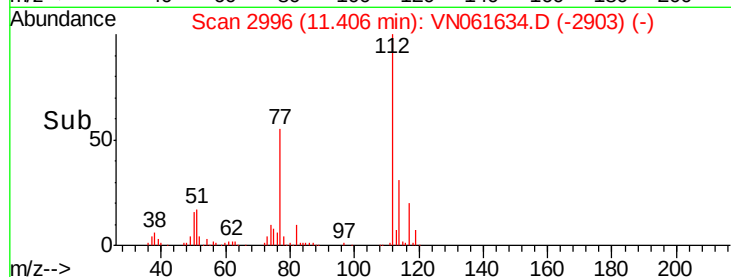
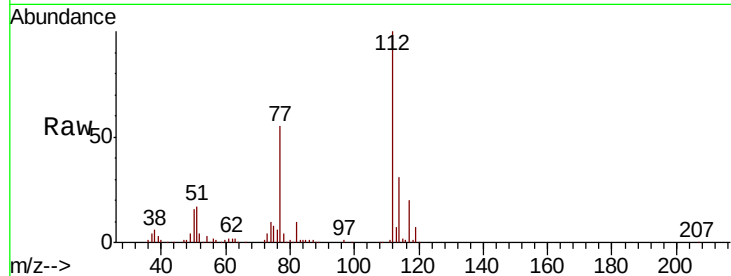




#65
Chlorobenzene
Concen: 19.973 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

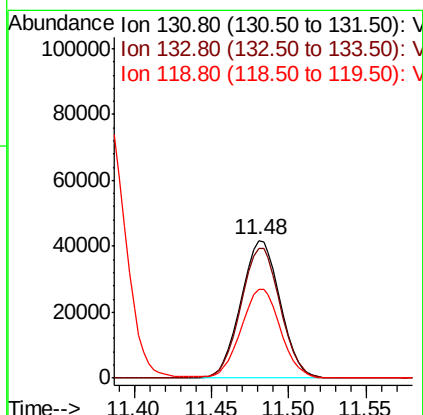
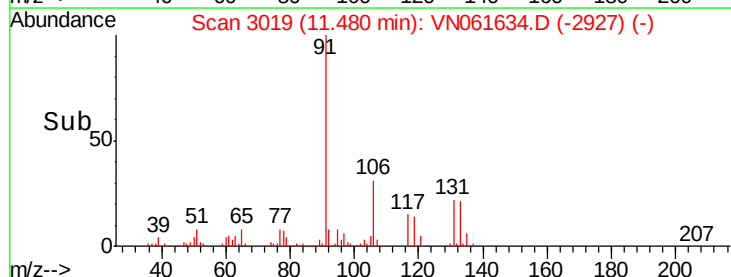
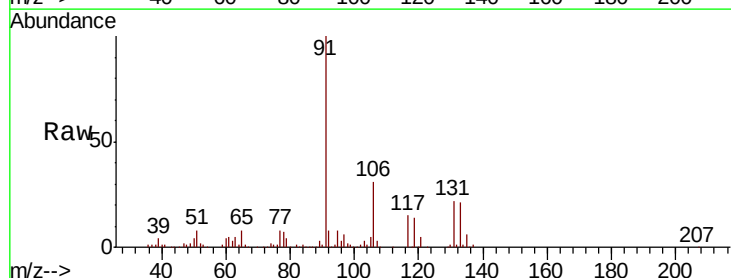
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

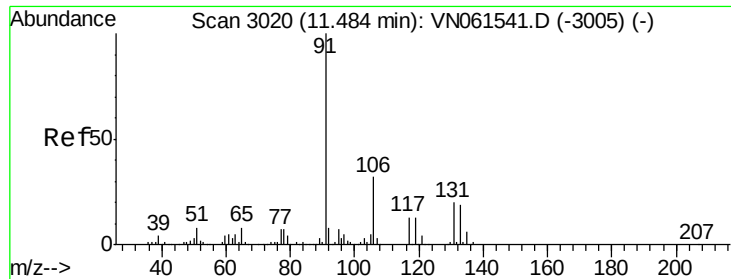
Tot Ion:112 Resp: 198808
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.990 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion:131 Resp: 74087
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.2
119 64.9 32.6 97.8

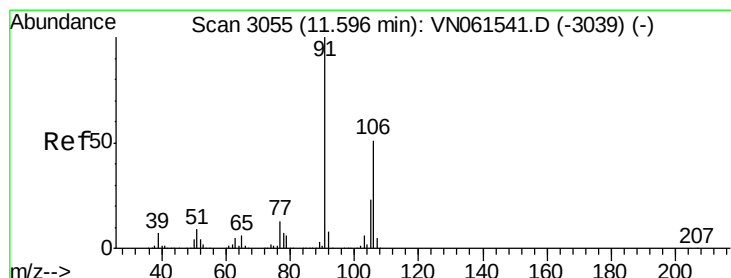
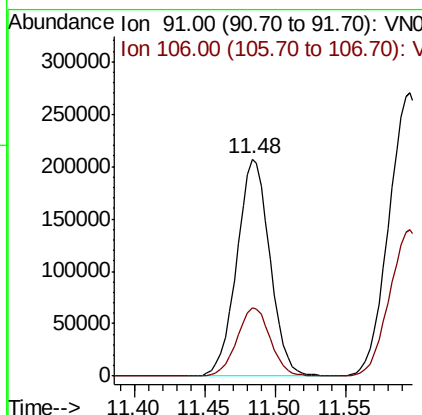
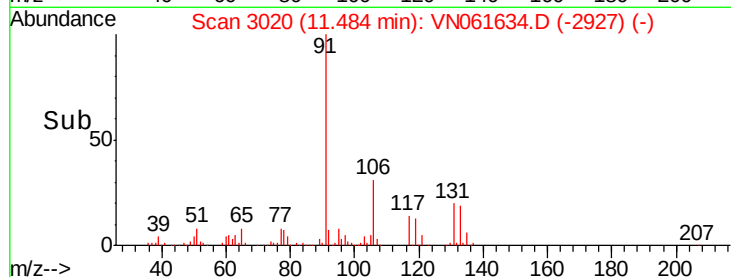
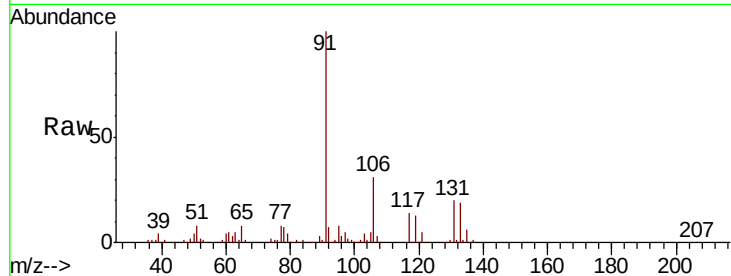




#67
Ethyl Benzene
Concen: 19.766 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

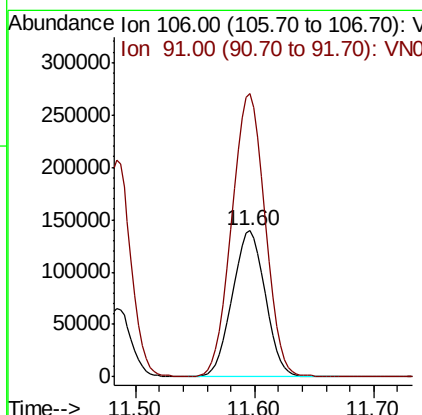
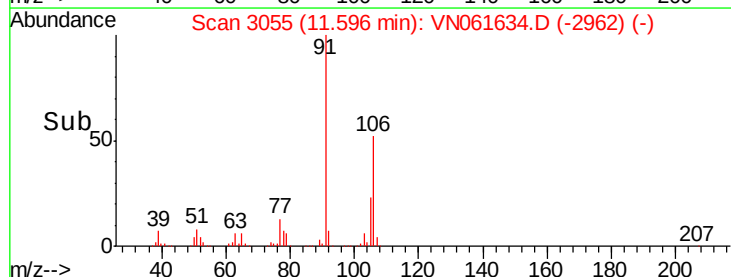
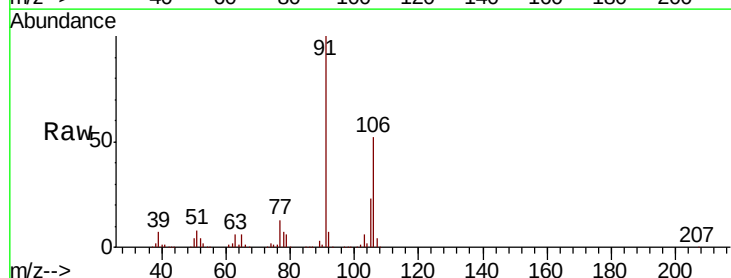
Instrument :
MSVOA_N
ClientSampled :
VN0603WBSD01

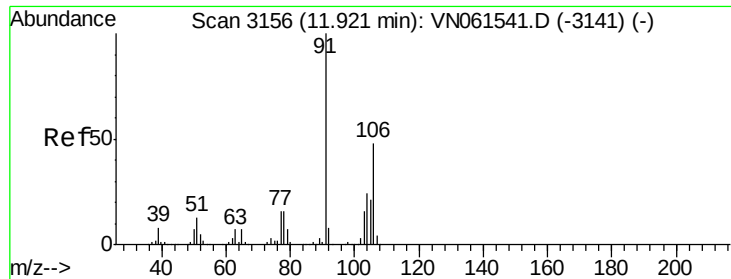
Tot Ion: 91 Resp: 340043
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 39.366 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 106 Resp: 268533
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4

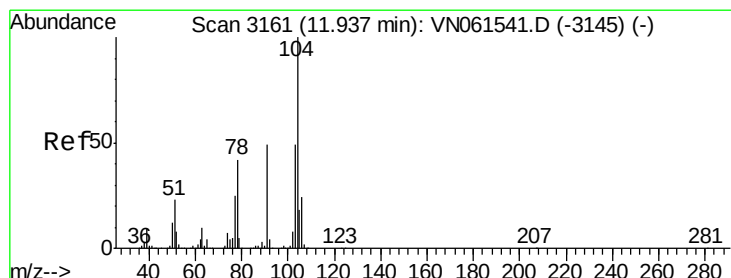
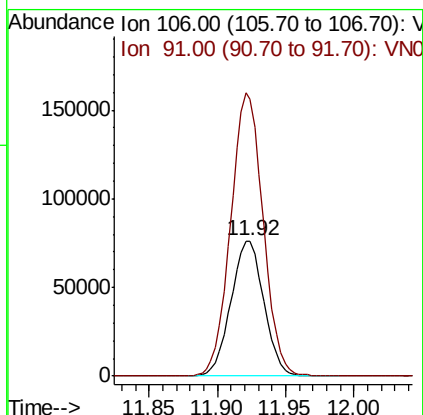
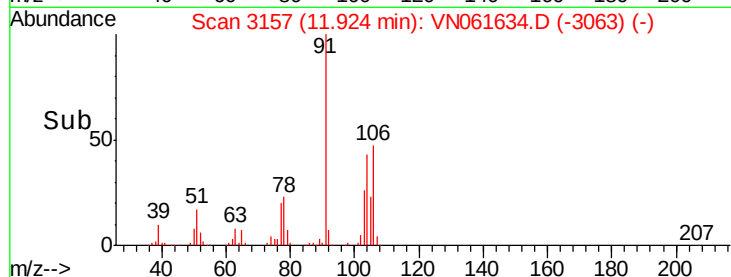
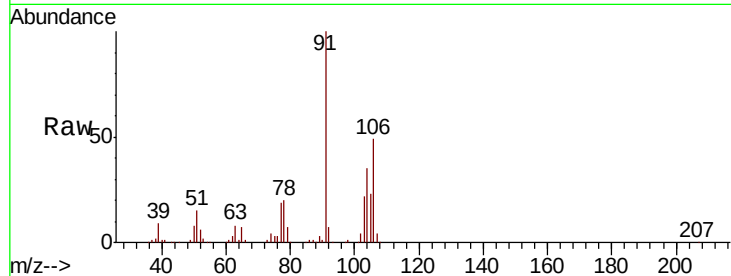




#69
o-Xylene
Concen: 19.750 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

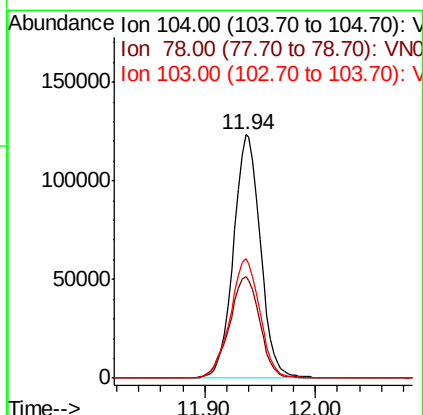
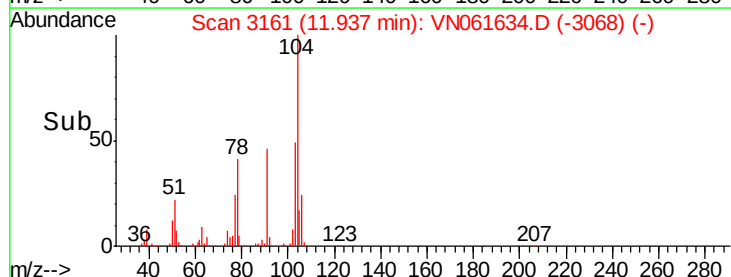
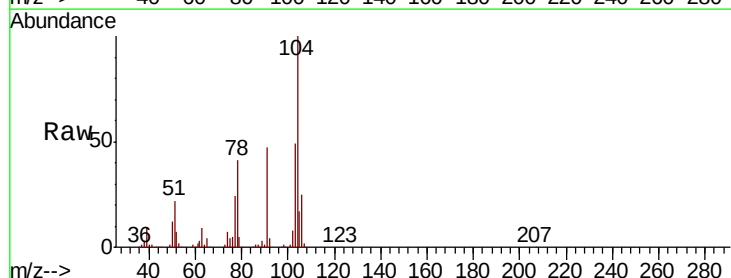
Instrument :
MSVOA_N
ClientSampled :
VN0603WBSD01

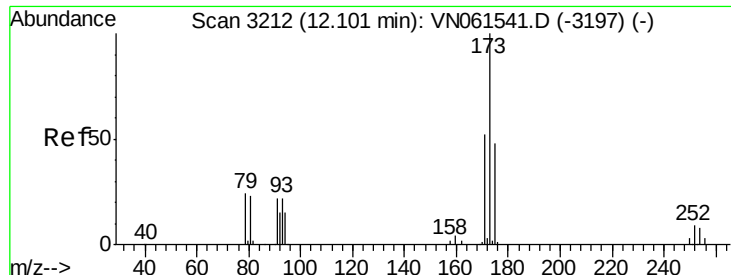
Tot Ion:106 Resp: 127958
Ion Ratio Lower Upper
106 100
91 206.2 103.3 309.8



#70
Styrene
Concen: 19.510 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion:104 Resp: 209330
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 53.7 42.3 63.5





#71

Bromoform

Concen: 18.604 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

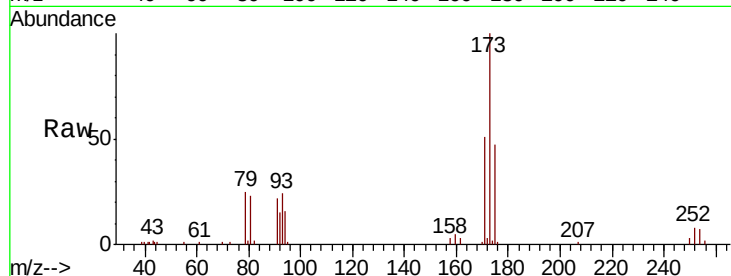
Tot Ion:173 Resp: 53131

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.2

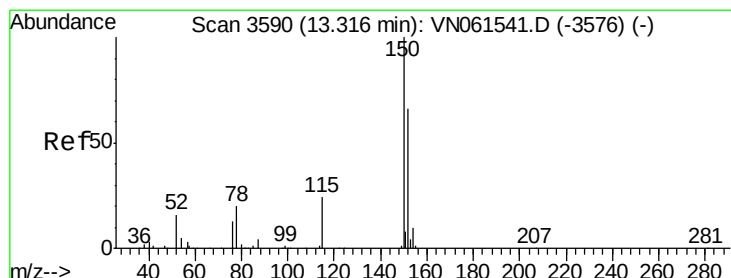
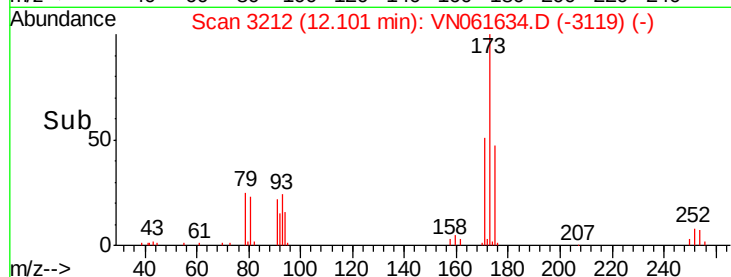
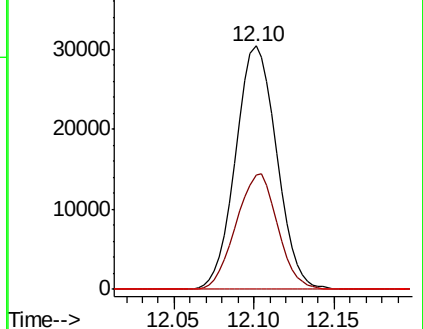
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

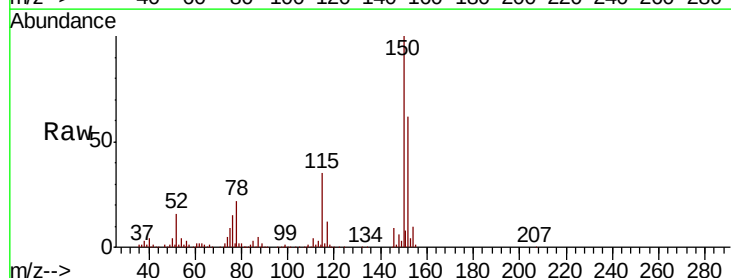
Tgt Ion:152 Resp: 234880

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

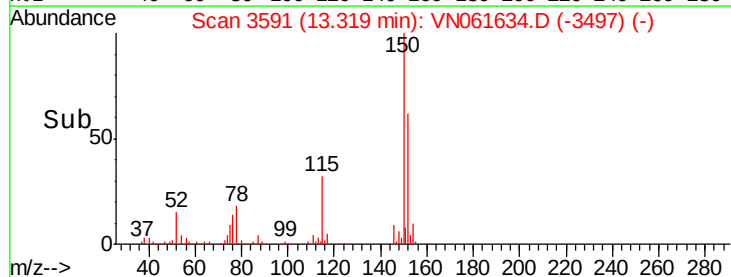
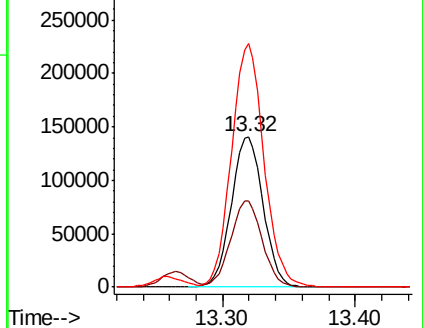
150 165.6 0.0 344.0

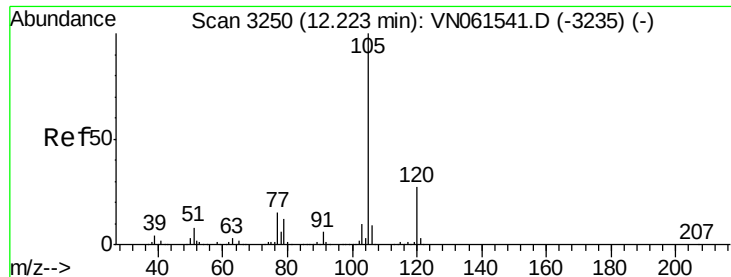


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

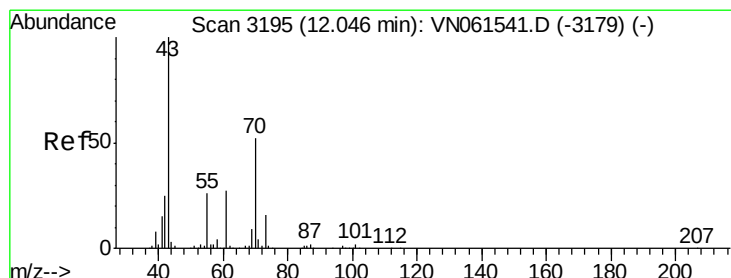
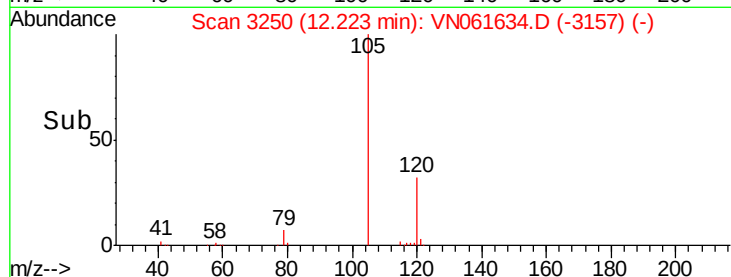
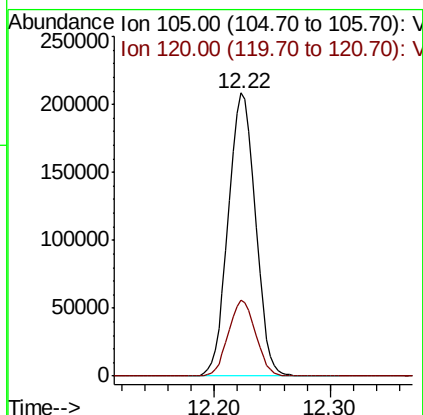
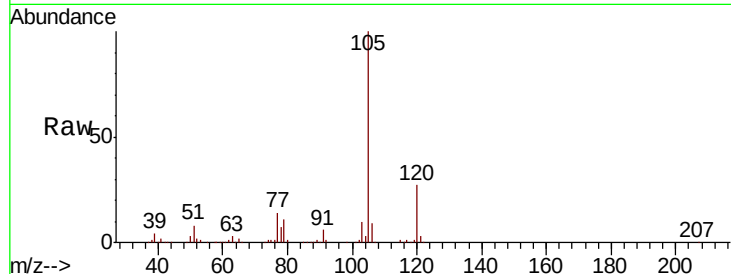




#73
Isopropylbenzene
Concen: 19.678 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

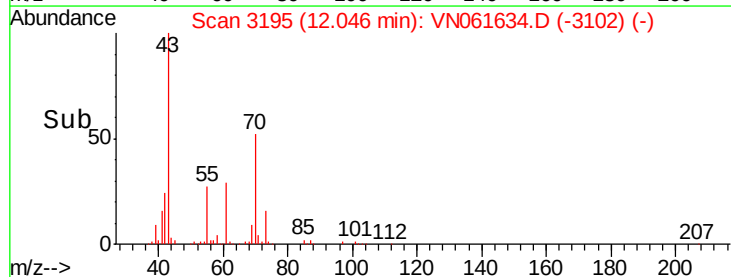
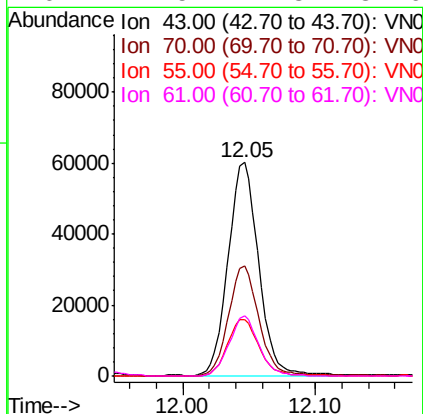
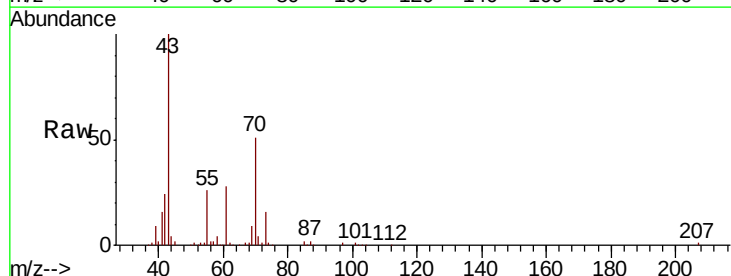
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

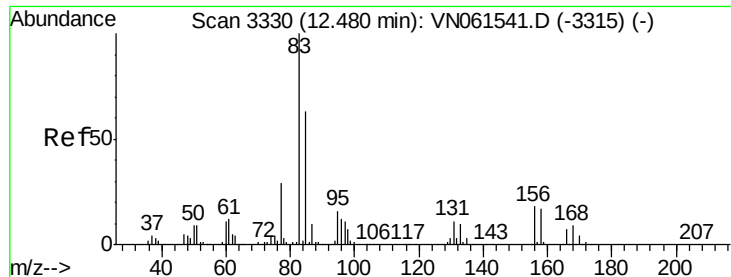
Tot Ion:105 Resp: 337349
Ion Ratio Lower Upper
105 100
120 26.9 13.8 41.3



#74
N-ethyl acetate
Concen: 17.950 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 43 Resp: 96907
Ion Ratio Lower Upper
43 100
70 51.3 40.5 60.7
55 27.4 20.6 31.0
61 27.5 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.835 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

VN0603WBSD01

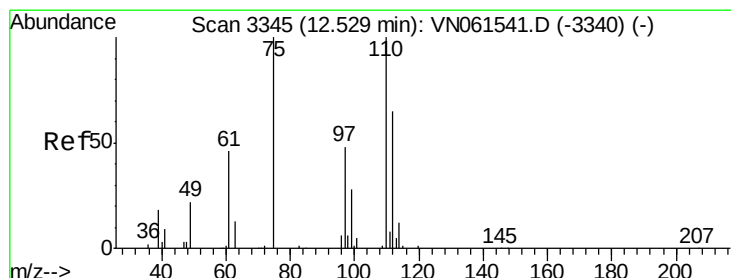
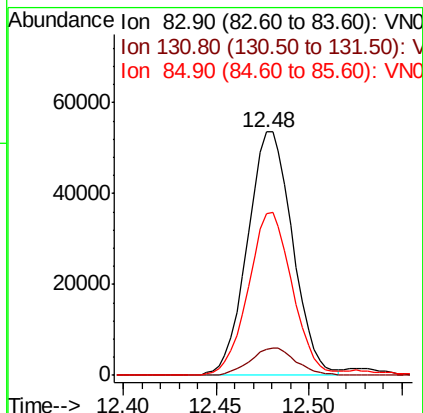
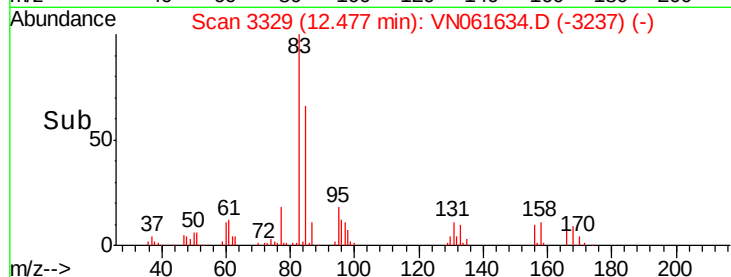
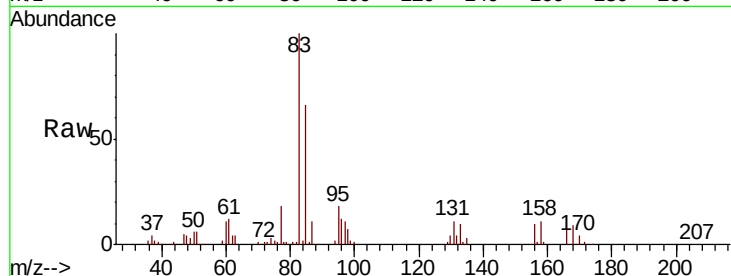
Tot Ion: 83 Resp: 90484

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.5

85 65.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 26.986 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061634.D

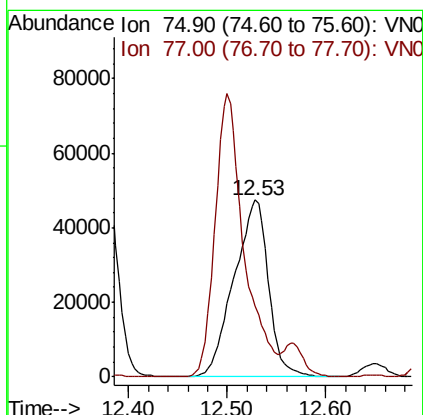
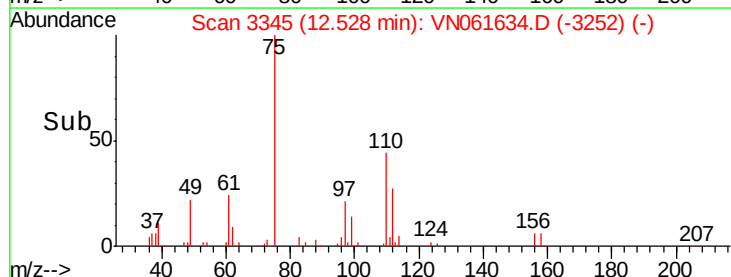
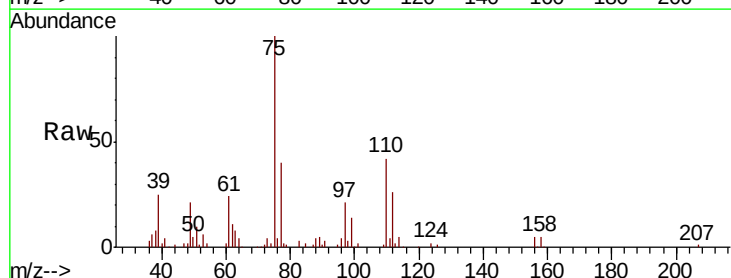
Acq: 3 Jun 2020 13:35

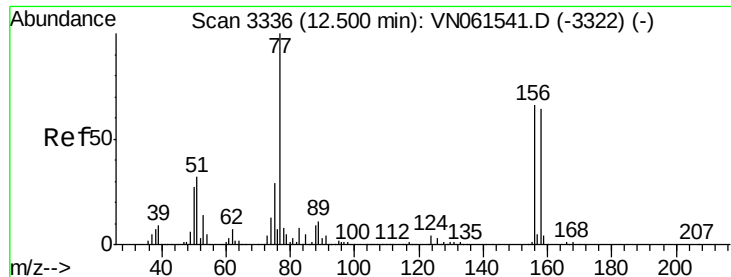
Tgt Ion: 75 Resp: 115259

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.670 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

VN0603WBSD01

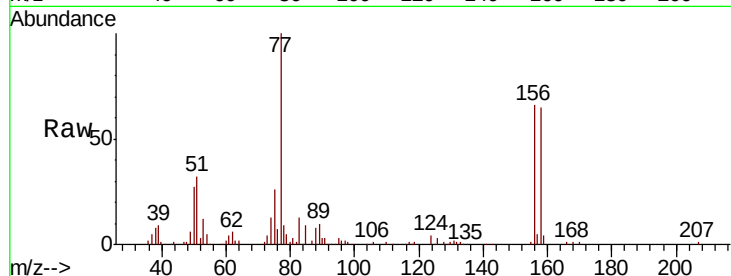
Tot Ion:156 Resp: 86073

Ion Ratio Lower Upper

156 100

77 180.8 90.9 272.7

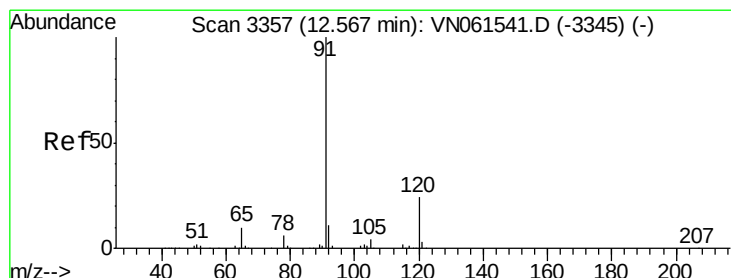
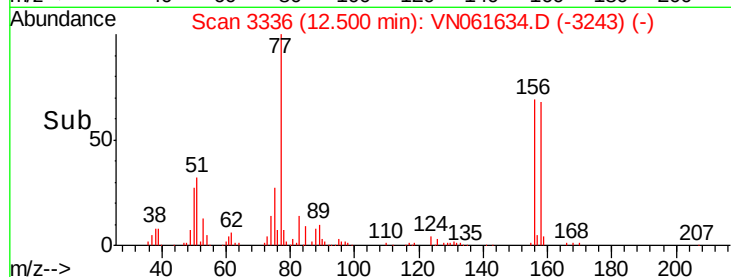
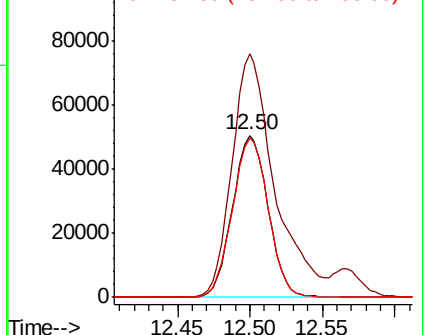
158 99.2 48.4 145.3



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: 19.360 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN061634.D

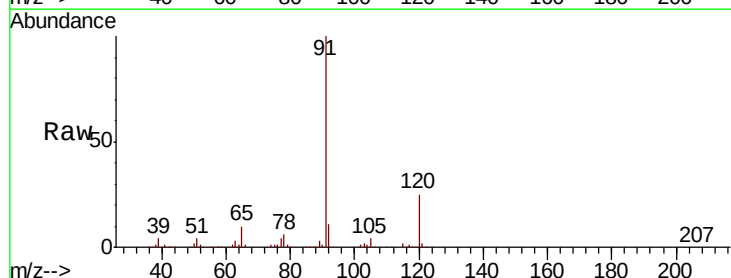
Acq: 3 Jun 2020 13:35

Tgt Ion: 91 Resp: 370513

Ion Ratio Lower Upper

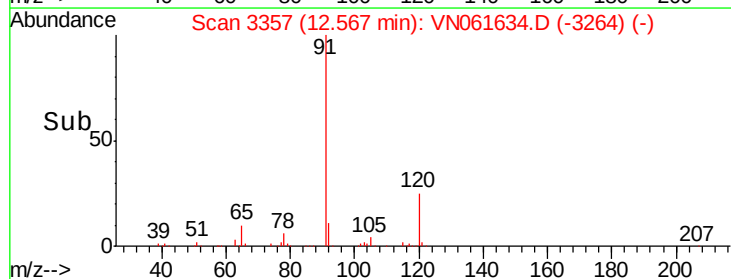
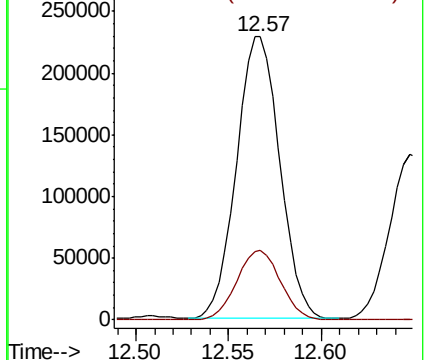
91 100

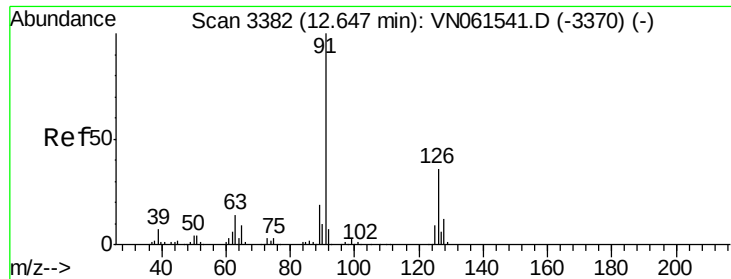
120 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.537 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

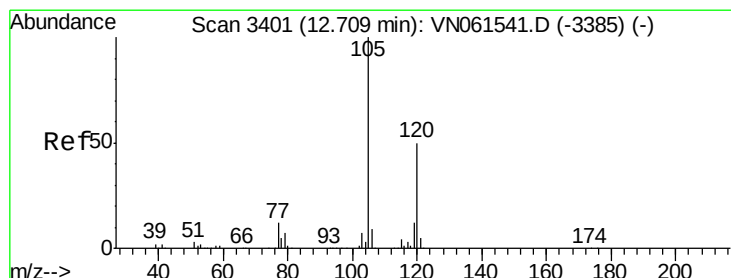
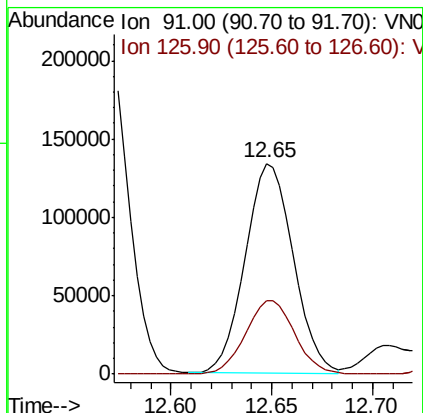
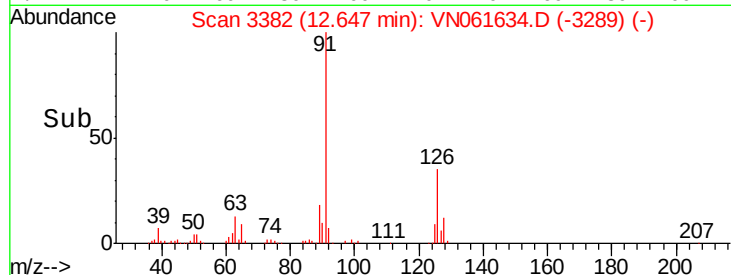
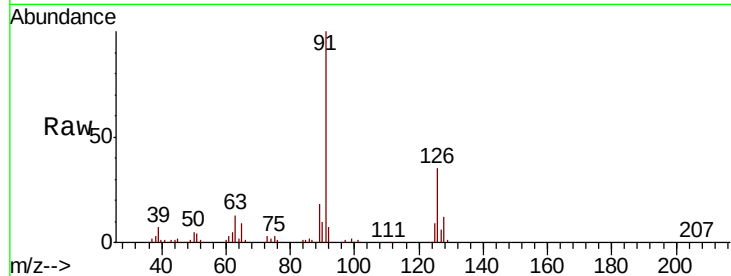
VN0603WBSD01

Tot Ion: 91 Resp: 222947

Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 19.508 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061634.D

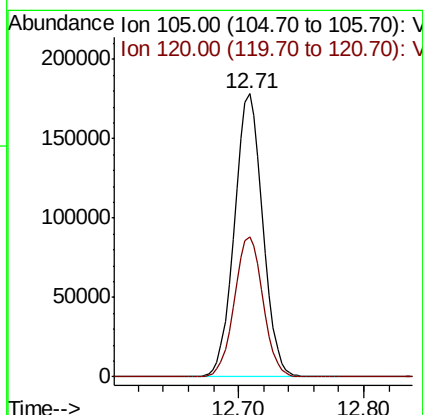
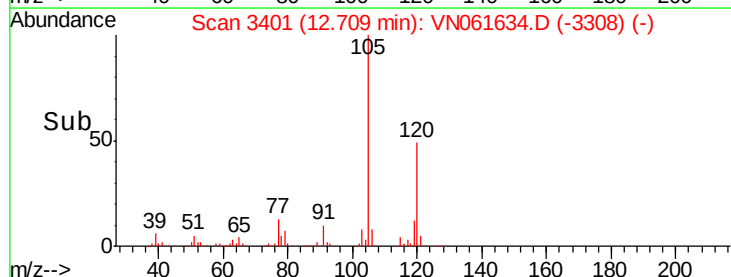
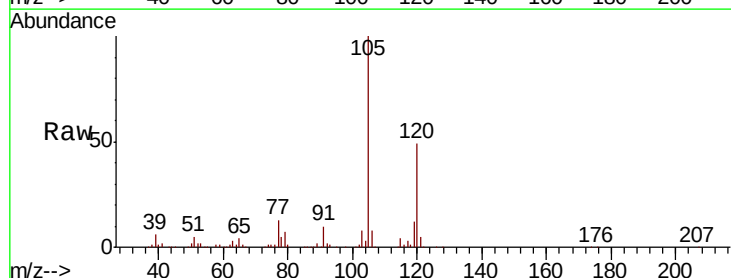
Acq: 3 Jun 2020 13:35

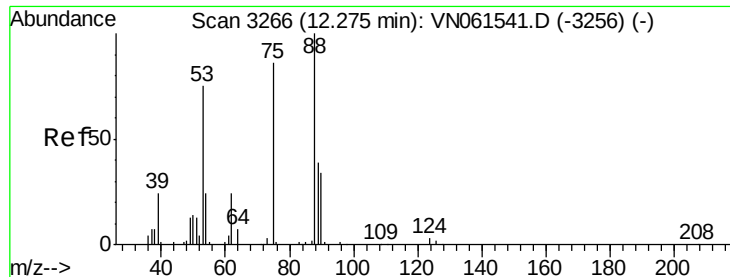
Tgt Ion: 105 Resp: 279524

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.755 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

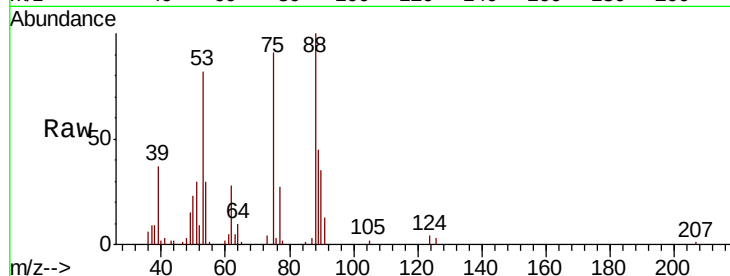
Tot Ion: 75 Resp: 27984

Ion Ratio Lower Upper

75 100

53 89.5 67.8 101.8

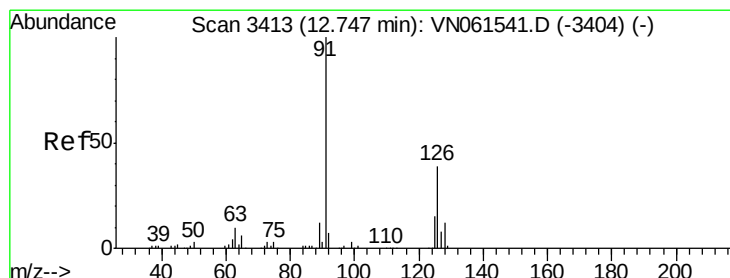
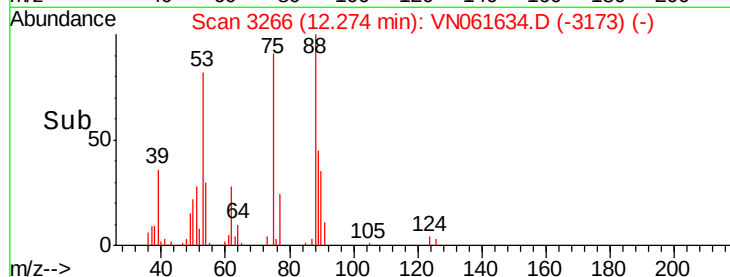
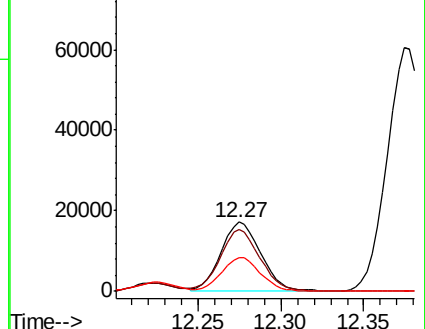
89 50.1 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061541.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061541.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 19.279 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061634.D

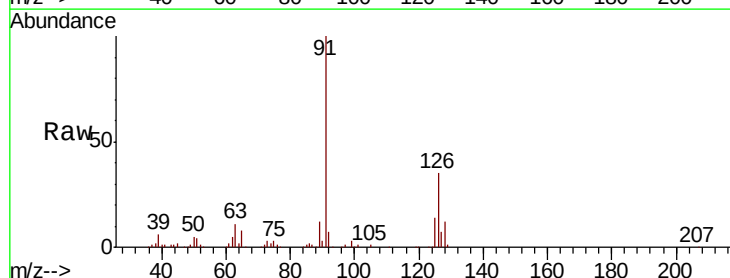
Acq: 3 Jun 2020 13:35

Tgt Ion: 91 Resp: 231446

Ion Ratio Lower Upper

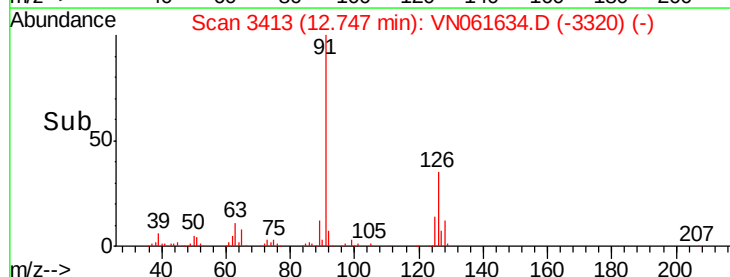
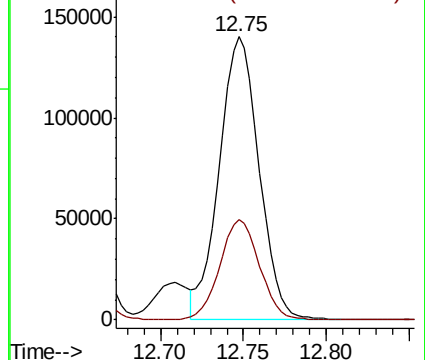
91 100

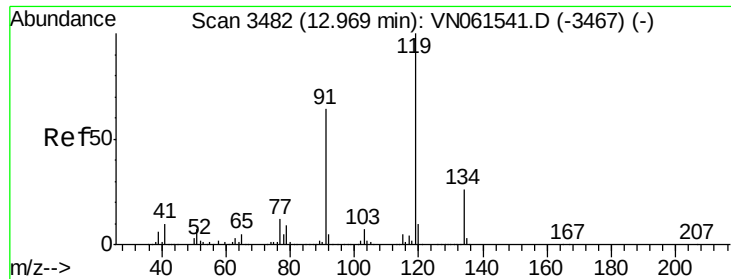
126 35.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3404) (-)

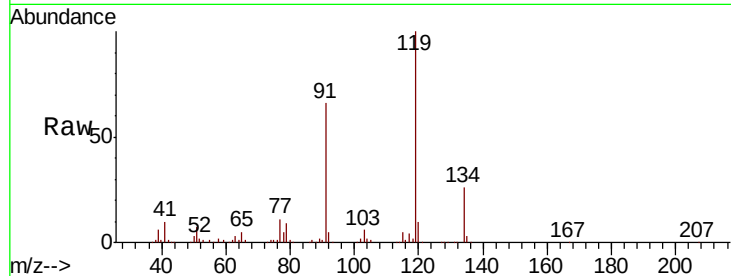




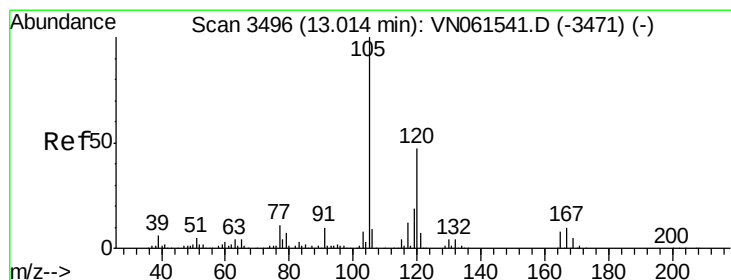
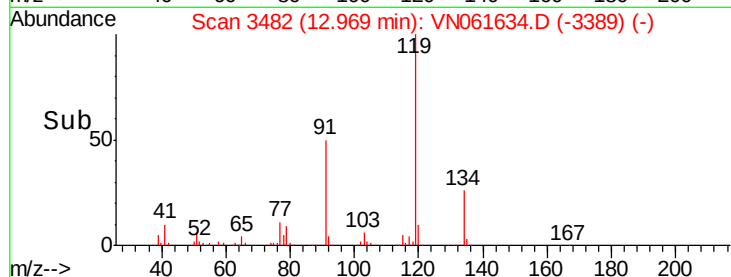
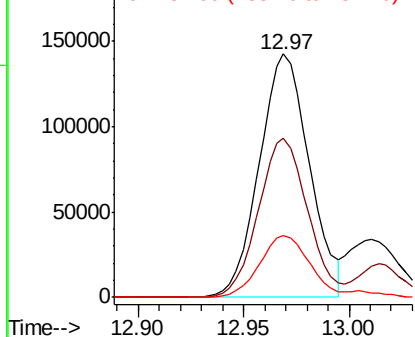
#83
 tert-Butylbenzene
 Concen: 18.587 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0603WBSD01

Tot Ion:119 Resp: 235311
 Ion Ratio Lower Upper
 119 100
 91 64.6 31.3 93.8
 134 25.4 13.5 40.4

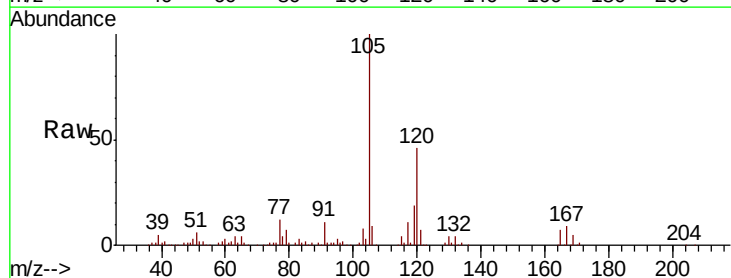


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

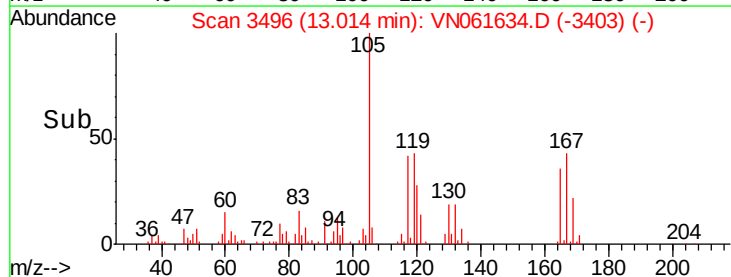
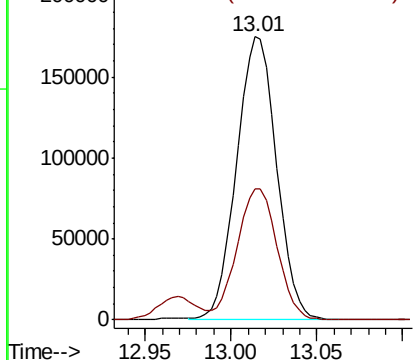


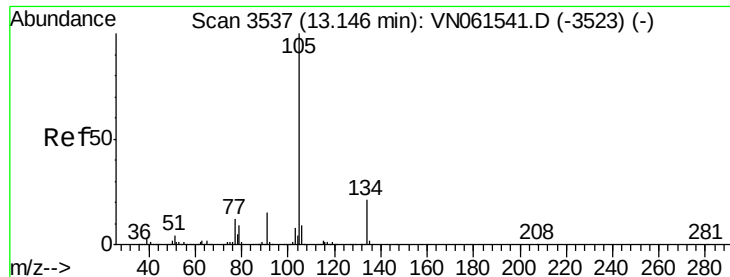
#84
 1,2,4-Trimethylbenzene
 Concen: 19.621 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion:105 Resp: 279290
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.806 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

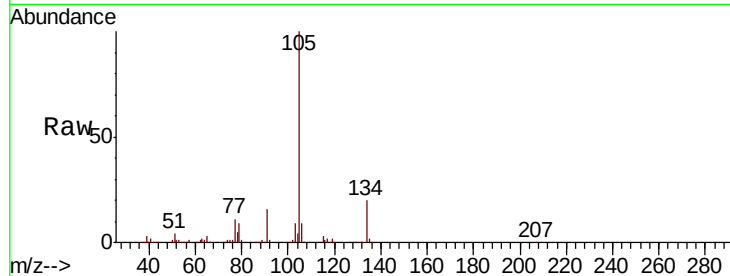
VN0603WBSD01

Tot Ion:105 Resp: 306785

Ion Ratio Lower Upper

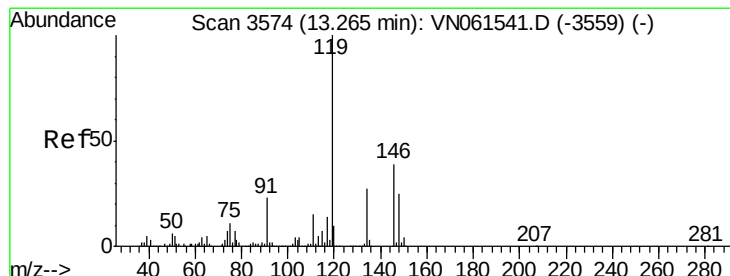
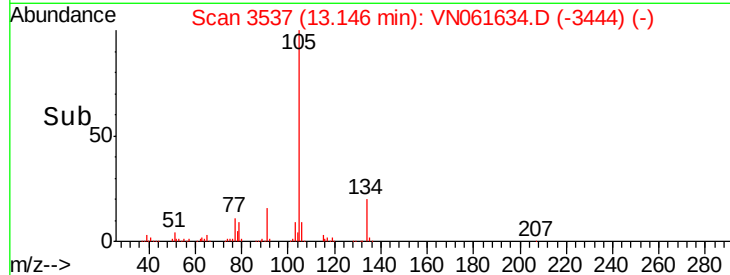
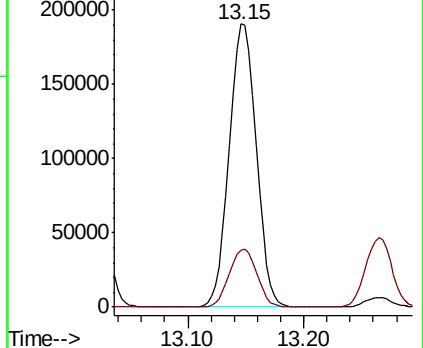
105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.896 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

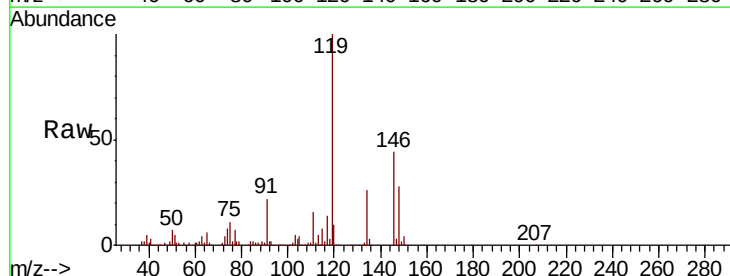
Tgt Ion:119 Resp: 283877

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.5

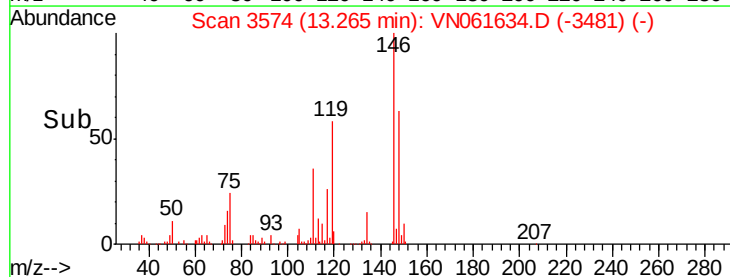
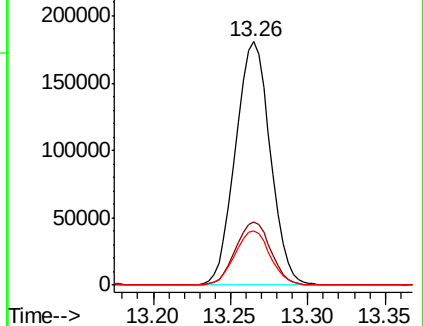
91 22.1 11.4 34.1

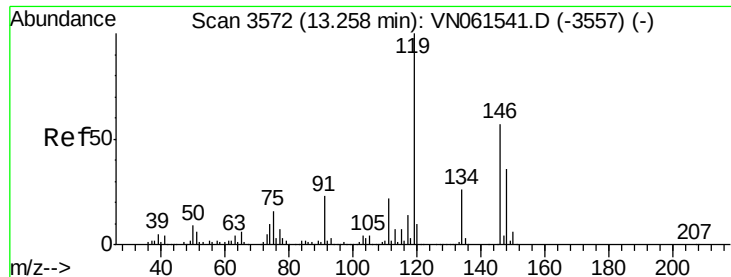


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

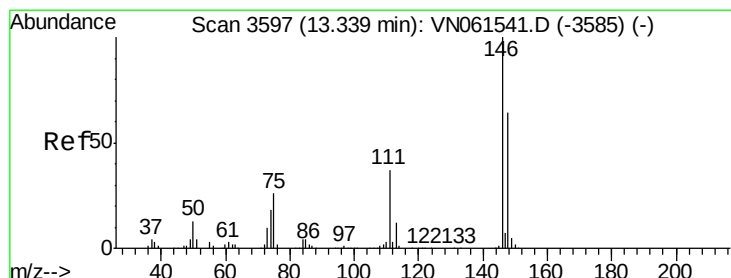
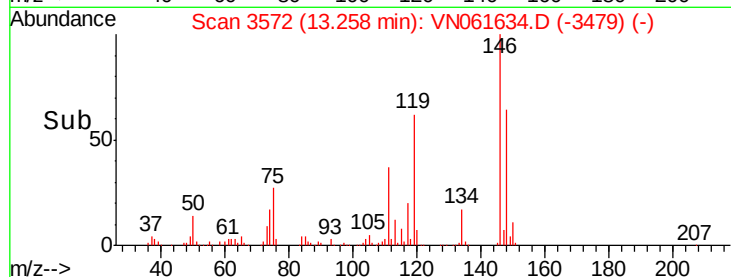
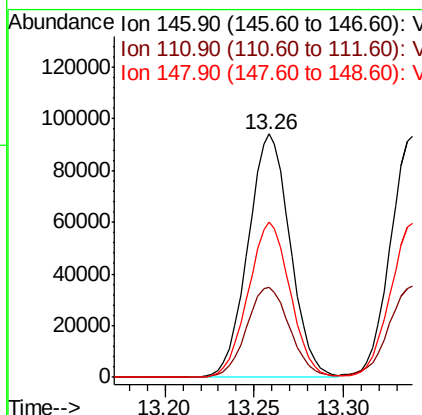
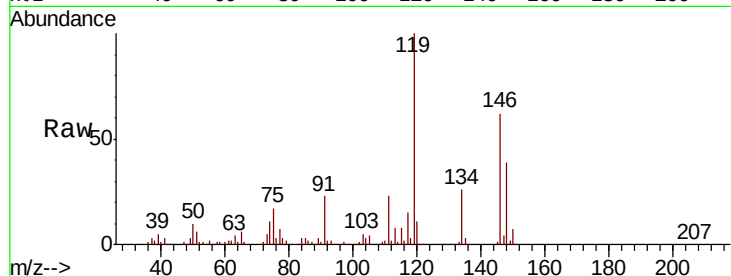




#87
 1,3-Dichlorobenzene
 Concen: 20.047 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

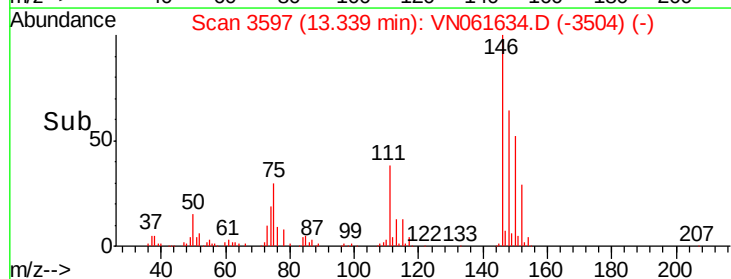
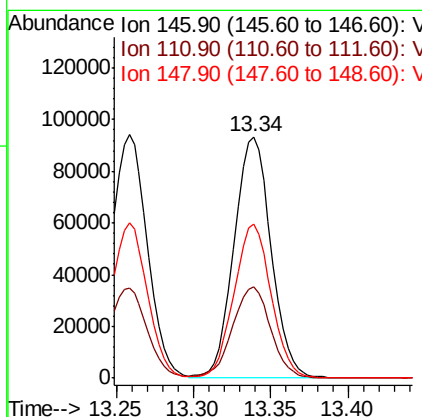
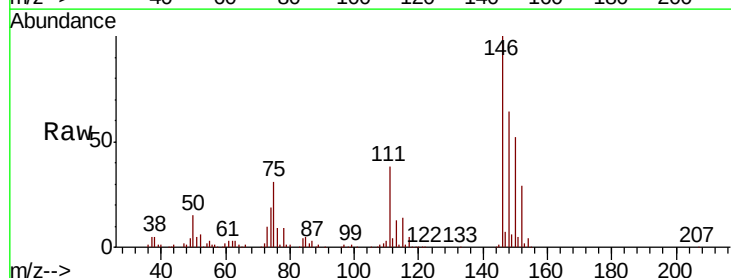
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

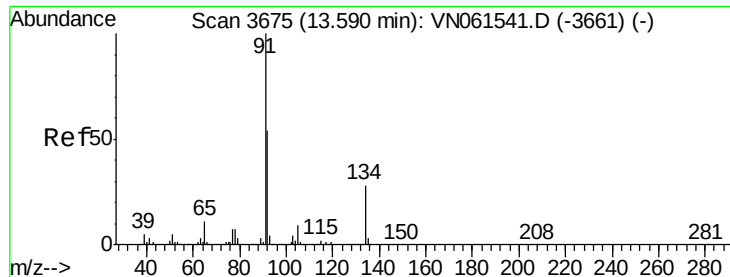
Tot Ion:146 Resp: 155341
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.2 57.6
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.574 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion:146 Resp: 154521
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.9
 148 64.5 31.8 95.3





#89

n-Butylbenzene

Concen: 18.417 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

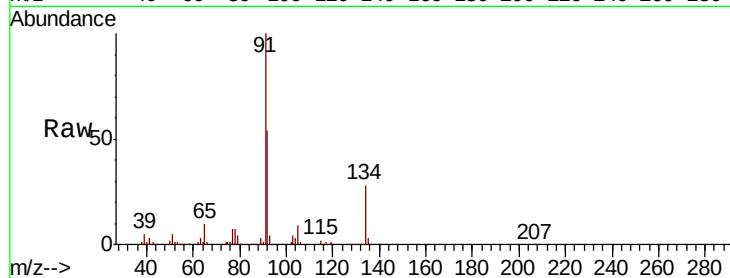
Tot Ion: 91 Resp: 231752

Ion Ratio Lower Upper

91 100

92 53.3 27.2 81.6

134 27.9 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

13.59

150000

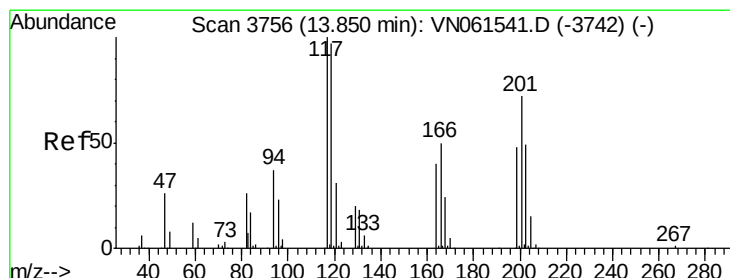
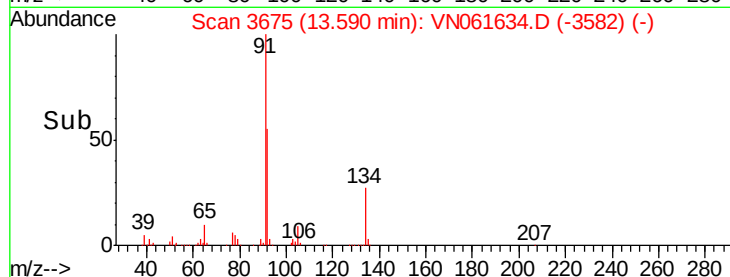
100000

50000

0

13.50 13.60 13.70

Time-->



#90

Hexachloroethane

Concen: 21.826 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061634.D

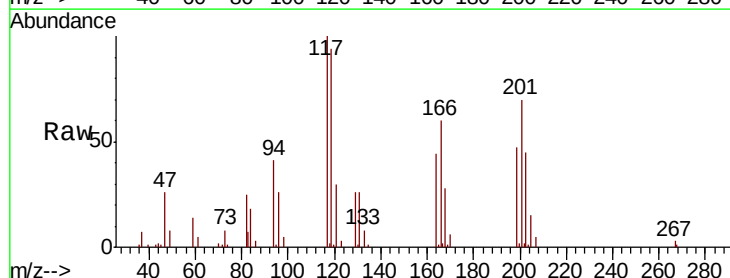
Acq: 3 Jun 2020 13:35

Tgt Ion: 117 Resp: 36262

Ion Ratio Lower Upper

117 100

201 72.3 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

25000

20000

15000

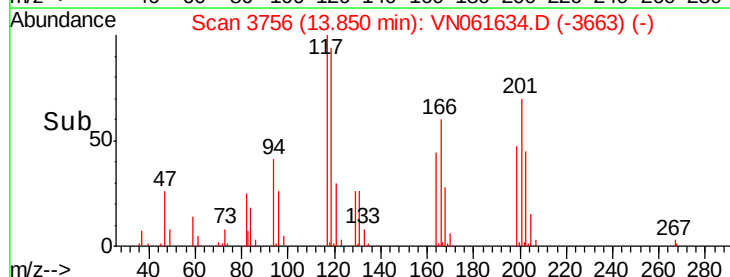
10000

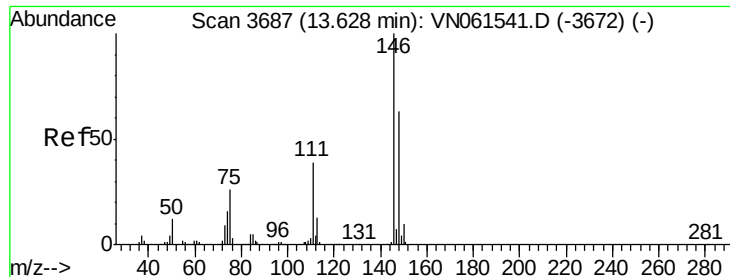
5000

0

13.80 13.85 13.90

Time-->

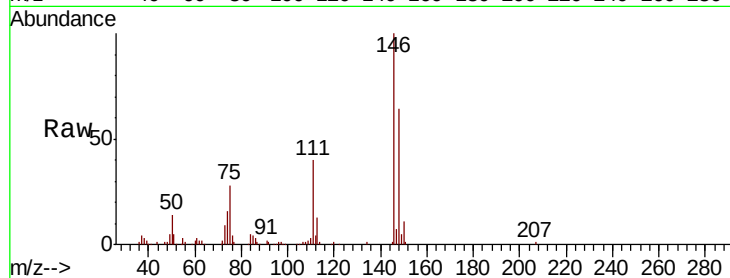




#91
 1,2-Dichlorobenzene
 Concen: 20.379 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	64.1	31.9	95.5

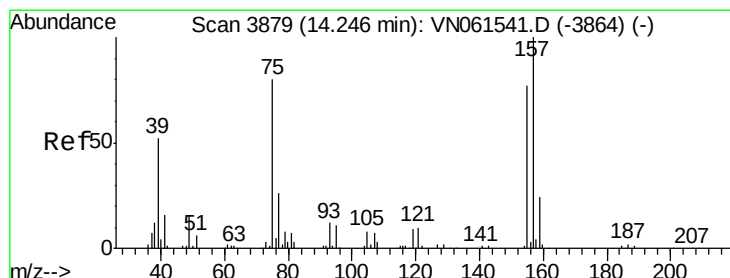
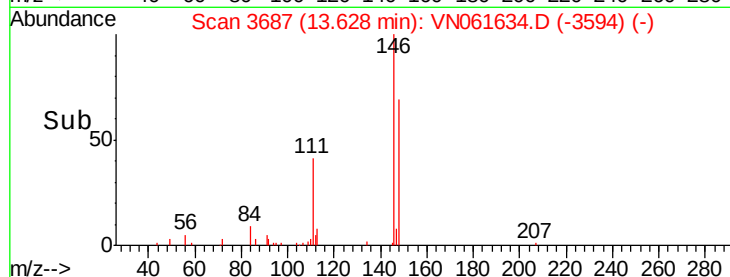
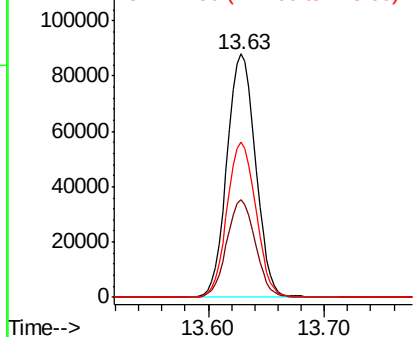


Abundance

Ion 145.90 (145.60 to 146.60): V

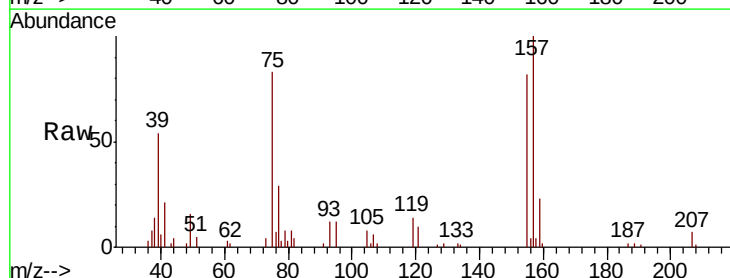
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.859 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	47.1	141.4
157	122.0	60.3	180.8

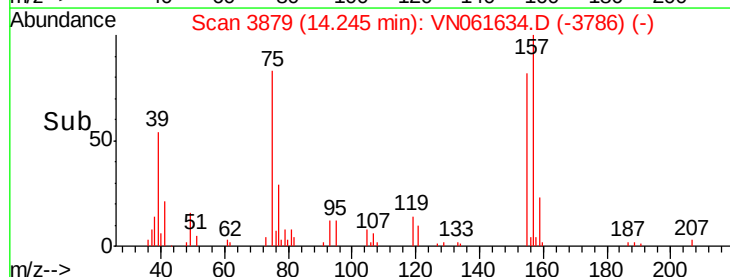
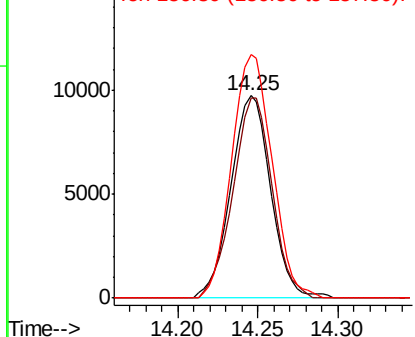


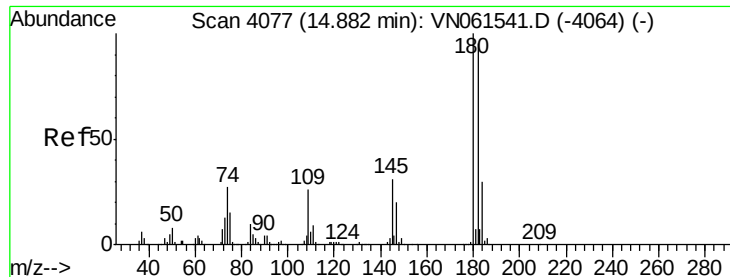
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

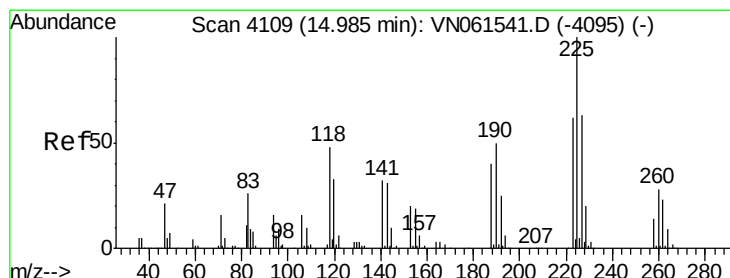
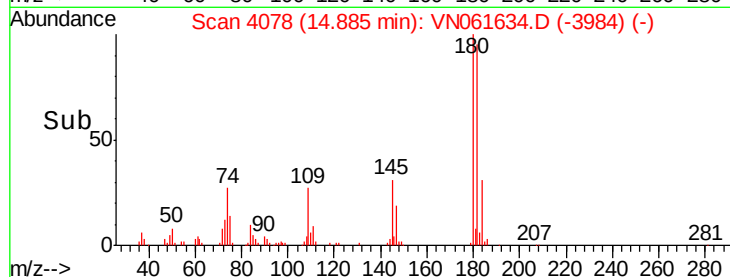
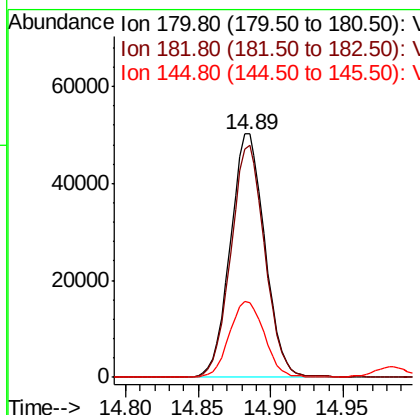
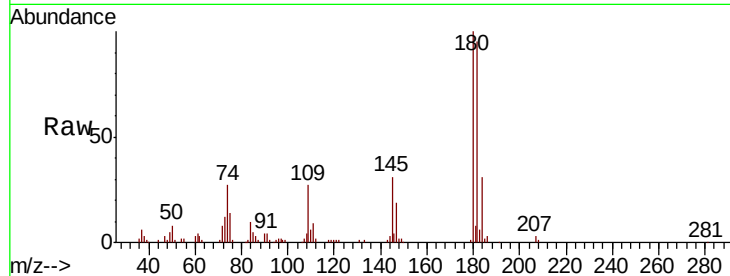




#93
 1,2,4-Trichlorobenzene
 Concen: 19.199 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

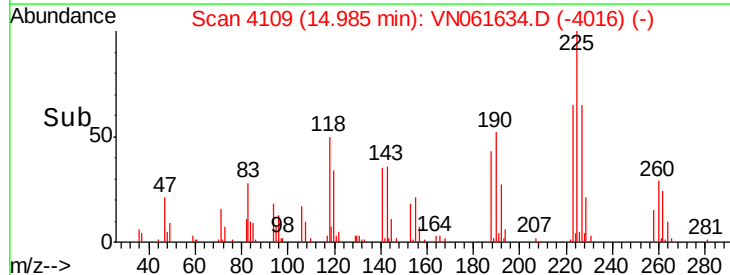
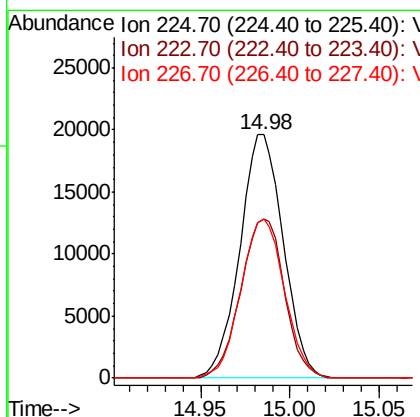
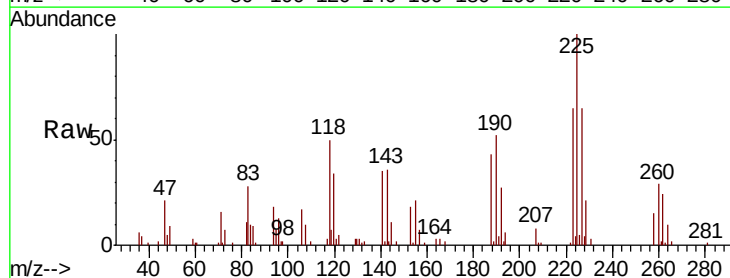
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

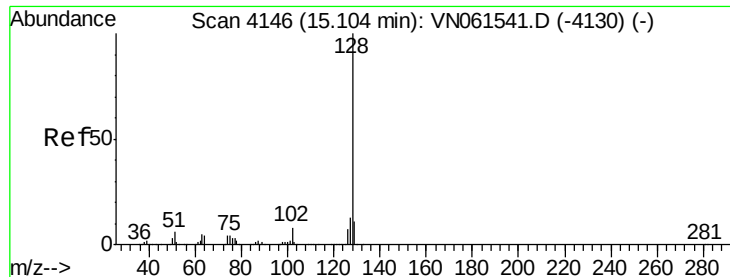
Tot Ion:180 Resp: 83149
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.8 143.3
 145 31.4 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 18.043 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion:225 Resp: 33327
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.9 95.5
 227 65.6 31.9 95.9





#95

Naphthalene

Concen: 19.093 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

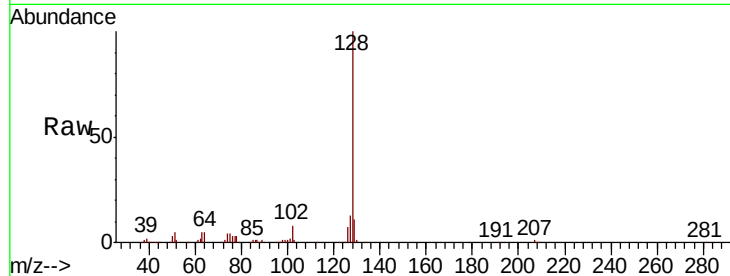
Tot Ion:128 Resp: 251684

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.9 8.5 12.7

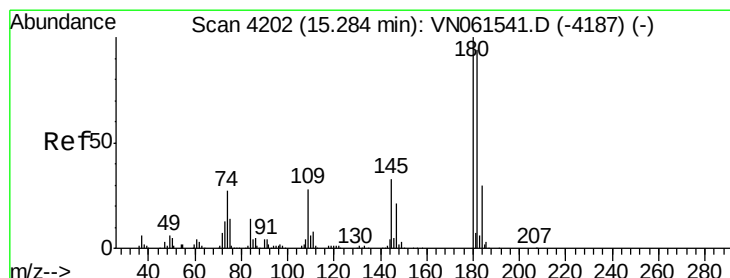
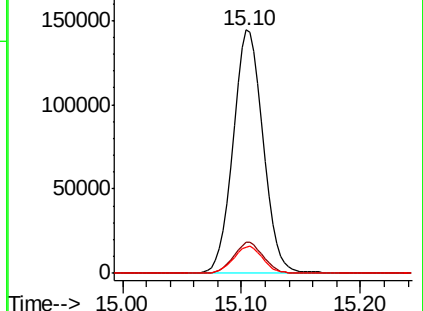
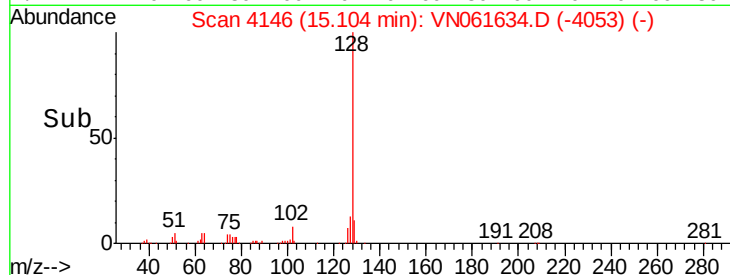


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.616 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

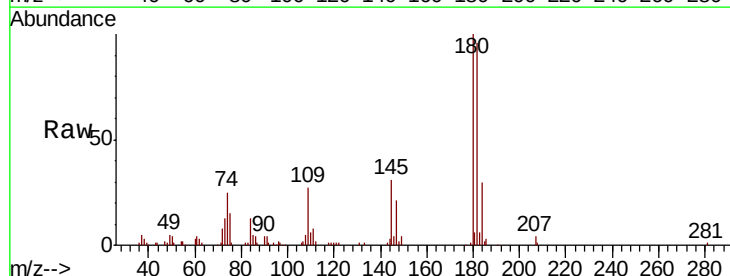
Tgt Ion:180 Resp: 83526

Ion Ratio Lower Upper

180 100

182 94.1 47.1 141.3

145 32.8 16.3 48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

