

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\
 Data File : VN061736.D
 Acq On : 10 Jun 2020 14:49
 Operator : JC/MD
 Sample : VN0610WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Quant Time: Jun 11 02:44:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	61131	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	326403	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	299456	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	113806	29.85	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.50%
60) 4-Bromofluorobenzene	12.37	95	129509	29.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.83%
63) Toluene-d8	10.06	98	386411	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	50327	19.918	ug/l 97
3) Chloromethane	2.03	50	65673	21.740	ug/l 98
4) Vinyl Chloride	2.16	62	85325	20.240	ug/l 99
5) Bromomethane	2.54	94	58378	21.131	ug/l 94
6) Chloroethane	2.67	64	57435	19.489	ug/l 98
7) Trichlorofluoromethane	2.98	101	122418	20.067	ug/l 100
8) Diethyl Ether	3.37	74	36558	19.211	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63038	20.204	ug/l 100
10) 1,1-Dichloroethene	3.69	96	61131	19.885	ug/l 95
11) Methyl Iodide	3.91	142	84432	20.154	ug/l 99
12) Methyl Acetate	4.27	43	47080	19.247	ug/l 92
13) Acrolein	3.57	56	25489	77.872	ug/l 98
14) Acrylonitrile	4.93	53	118240	93.656	ug/l # 92
15) Acetone	3.77	58	40379	106.956	ug/l 92
16) Carbon Disulfide	4.00	76	146474	23.005	ug/l 97
17) Allyl chloride	4.27	41	68387	19.529	ug/l 97
18) Methylene Chloride	4.50	84	68601	19.447	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	66635	19.493	ug/l 98
20) Diisopropyl ether	5.90	45	163554	19.550	ug/l 96
21) 1,1-Dichloroethane	5.80	63	107220	19.276	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	75883	18.926	ug/l 99
23) tert-Butyl Alcohol	4.73	59	48654	99.657	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	188612	19.247	ug/l 97
25) Chloroform	7.33	83	122155	19.385	ug/l 95
26) Cyclohexane	7.61	56	86335	20.326	ug/l # 97
29) 1,1-Dichloropropene	7.75	75	87598	19.972	ug/l 99
30) 2-Butanone	6.78	43	151804	99.915	ug/l 99
31) 2,2-Dichloropropane	6.77	77	101464	19.759	ug/l # 74
32) 1,1,1-Trichloroethane	7.53	97	108370	19.351	ug/l 99
33) Carbon Tetrachloride	7.73	117	87706	19.234	ug/l 96
34) Benzene	8.00	78	266408	19.485	ug/l 99
35) Methacrylonitrile	7.12	41	21565	15.283	ug/l # 75
36) 1,2-Dichloroethane	8.09	62	84682	19.164	ug/l 97
37) Trichloroethene	8.80	130	82468	19.338	ug/l 100
38) Methylcyclohexane	9.04	83	99695	20.308	ug/l 99
39) 1,2-Dichloropropane	9.08	63	63169	19.289	ug/l 95
40) Dibromomethane	9.18	93	46903	19.096	ug/l 98

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 VN0610WBS01

Quant Time: Jun 11 02:44:49 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	94703	19.006	ug/l	98
42) Vinyl Acetate	5.84	43	622865	99.383	ug/l	100
43) Ethyl Acetate	6.88	43	64928	21.045	ug/l	98
44) Isopropyl Acetate	8.12	43	105866	18.965	ug/l	98
45) 1,4-Dioxane	9.16	88	23604	413.739	ug/l	98
46) Methyl methacrylate	9.17	41	45308	18.709	ug/l	98
47) n-amyl Acetate	12.04	43	82431	17.427	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	96773	18.623	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	108011	19.014	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	68005	19.053	ug/l	97
51) Ethyl methacrylate	10.40	69	85443	18.425	ug/l	98
52) 1,3-Dichloropropane	10.68	76	108987	19.172	ug/l	97
53) Dibromochloromethane	10.87	129	76282	18.137	ug/l	97
54) 1,2-Dibromoethane	10.98	107	70707	18.909	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	126416	71.719	ug/l	100
56) Bromoform	12.10	173	52334	17.820	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	305098	98.514	ug/l	99
59) 2-Hexanone	10.72	43	223167	99.371	ug/l	98
61) Tetrachloroethene	10.60	164	87671	19.172	ug/l	95
62) Toluene	10.12	91	297288	19.773	ug/l	98
64) Chlorobenzene	11.41	112	188193	19.452	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.48	131	72102	19.552	ug/l	98
66) Ethyl Benzene	11.48	91	325709	19.790	ug/l	98
67) m/p-Xylenes	11.59	106	255094	38.964	ug/l	100
68) o-Xylene	11.92	106	120274	19.450	ug/l	99
69) Styrene	11.94	104	196594	18.768	ug/l	99
70) Isopropylbenzene	12.22	105	319685	19.574	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	84622	19.505	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	106576	26.058	ug/l	65
73) Bromobenzene	12.50	156	82370	18.668	ug/l	100
74) n-propylbenzene	12.56	91	353908	19.170	ug/l	100
75) 2-Chlorotoluene	12.65	91	208607	19.172	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	262160	19.254	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	26215	17.768	ug/l	98
78) 4-Chlorotoluene	12.75	91	216964	19.137	ug/l	100
79) tert-butylbenzene	12.97	119	224895	19.100	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	262733	19.183	ug/l	99
81) sec-Butylbenzene	13.15	105	291606	19.165	ug/l	100
82) p-Isopropyltoluene	13.26	119	266254	18.849	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	144476	18.346	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	142716	18.445	ug/l	98
85) n-Butylbenzene	13.59	91	213117	18.267	ug/l	100
86) Hexachloroethane	13.85	117	35391	18.402	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	140094	18.726	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	14784	18.344	ug/l	99
89) 1,2,4-Trichlorobenzene	14.89	180	74151	16.903	ug/l	98
90) Hexachlorobutadiene	14.99	225	36067	18.963	ug/l	98
91) Naphthalene	15.10	128	202774	16.657	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	75530	17.577	ug/l	99

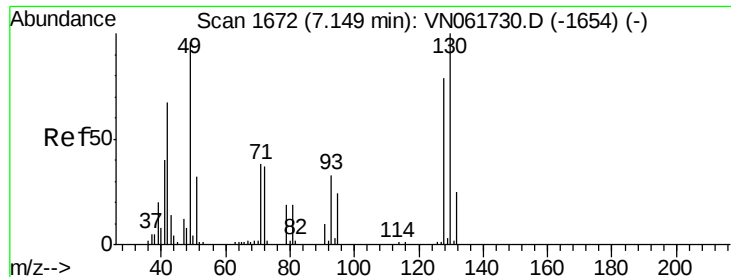
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\
Data File : VN061736.D
Acq On : 10 Jun 2020 14:49
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QLast Update : Wed Jun 10 12:28:45 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

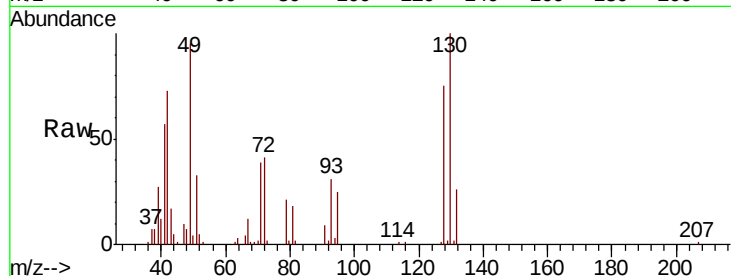
Tot Ion:128 Resp: 61131

Ion Ratio Lower Upper

128 100

49 125.4 0.0 312.3

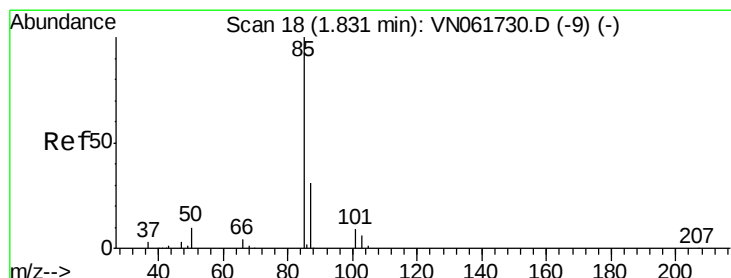
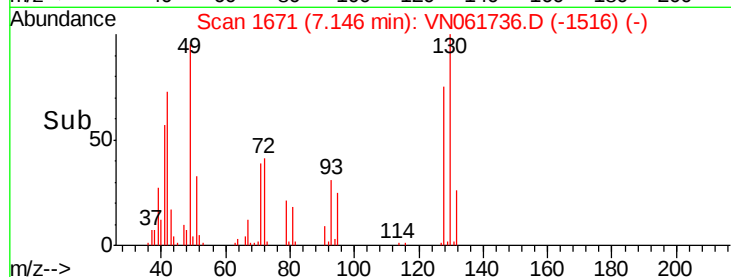
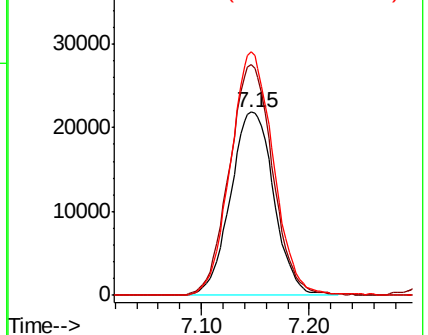
130 130.7 0.0 328.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.918 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061736.D

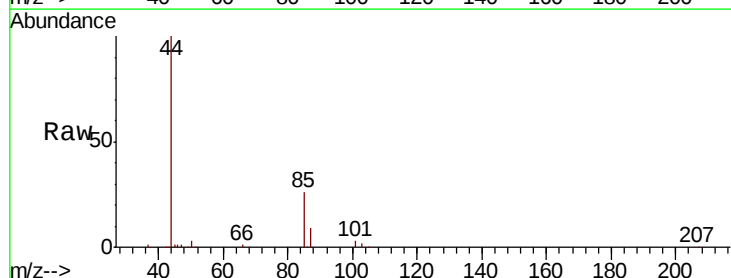
Acq: 10 Jun 2020 14:49

Tgt Ion: 85 Resp: 50327

Ion Ratio Lower Upper

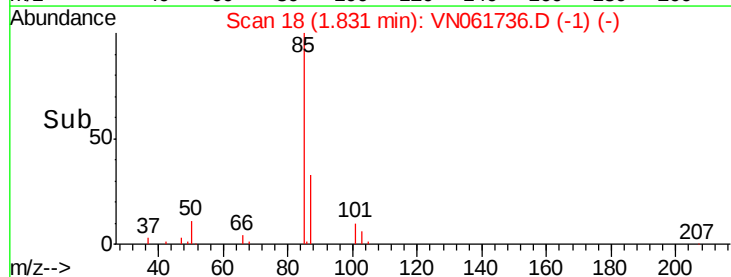
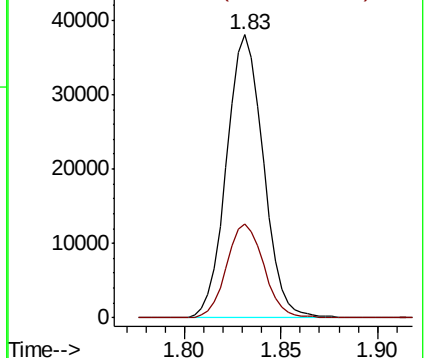
85 100

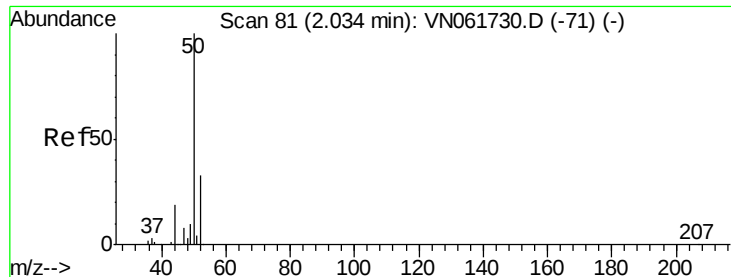
87 33.0 15.7 47.1



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

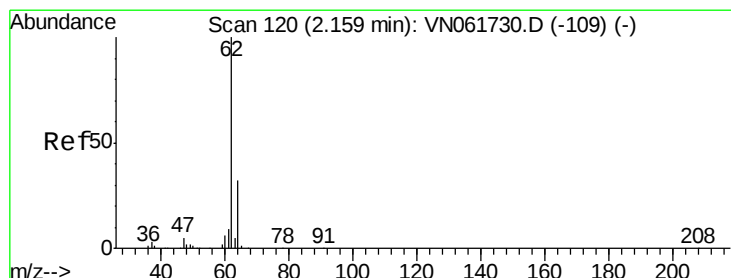
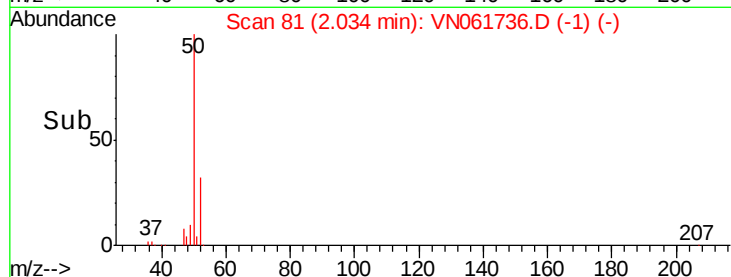
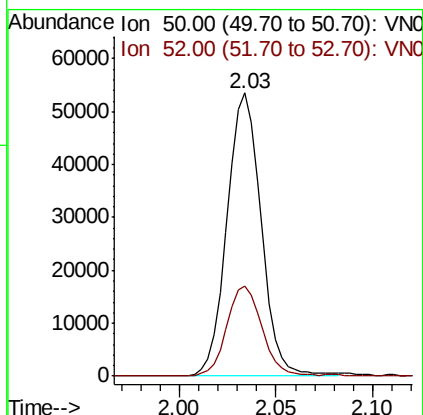
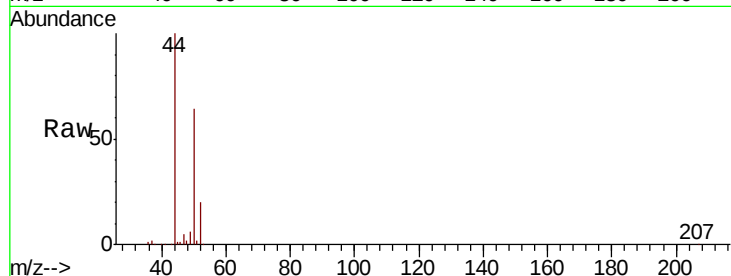




#3
Chloromethane
Concen: 21.740 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

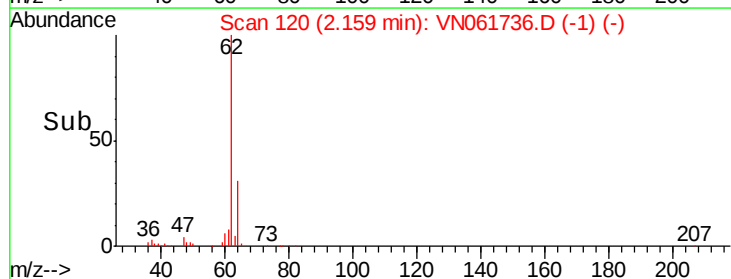
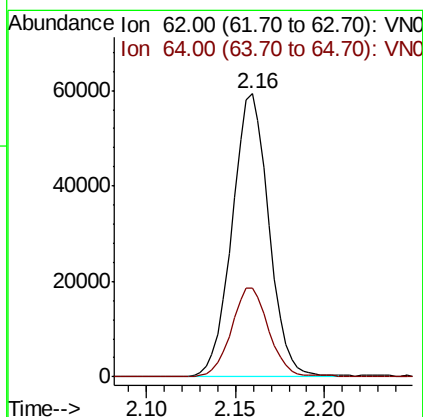
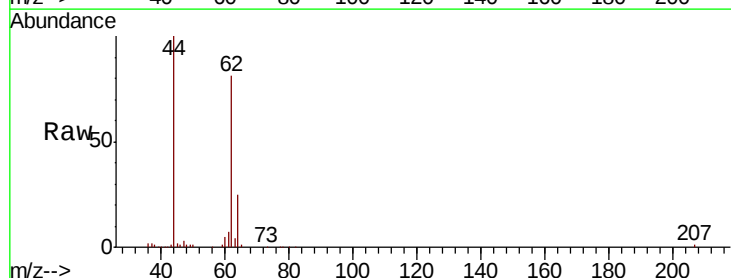
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

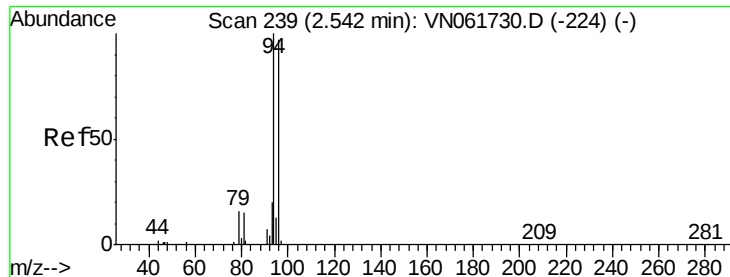
Tot Ion: 50 Resp: 65673
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 20.240 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 62 Resp: 85325
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3





#5

Bromomethane

Concen: 21.131 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

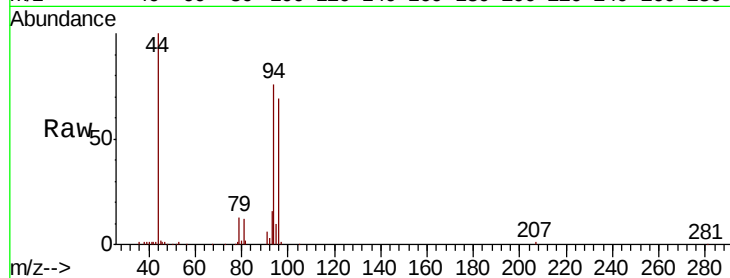
VN0610WBS01

Tot Ion: 94 Resp: 58378

Ion Ratio Lower Upper

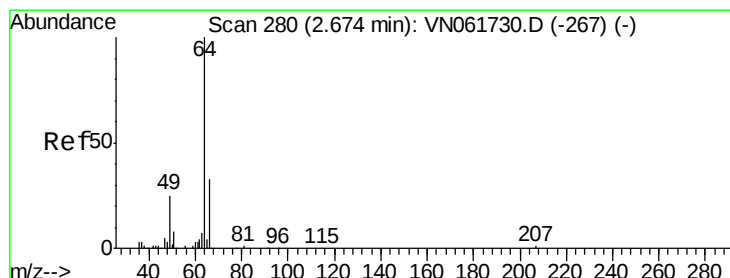
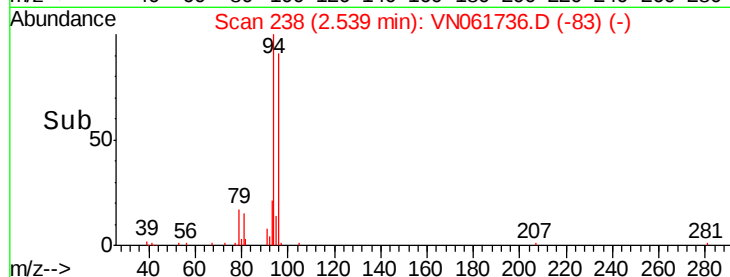
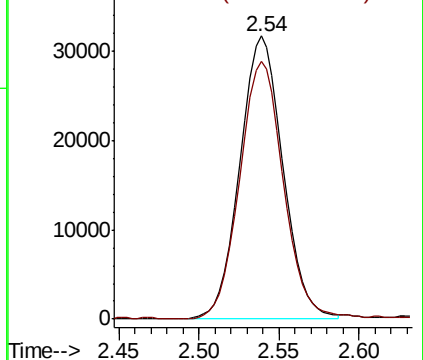
94 100

96 90.9 77.4 116.2



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 19.489 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061736.D

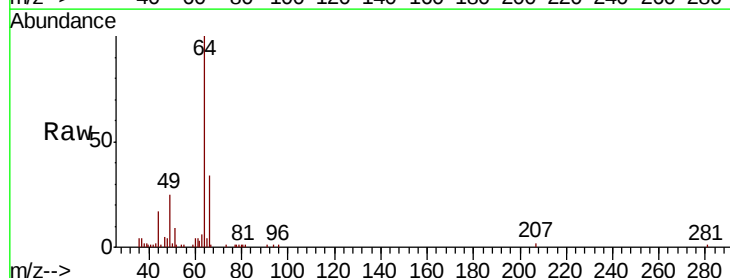
Acq: 10 Jun 2020 14:49

Tgt Ion: 64 Resp: 57435

Ion Ratio Lower Upper

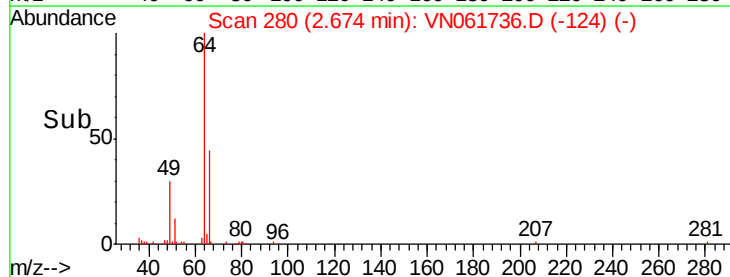
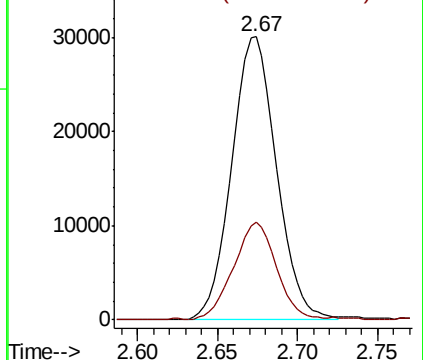
64 100

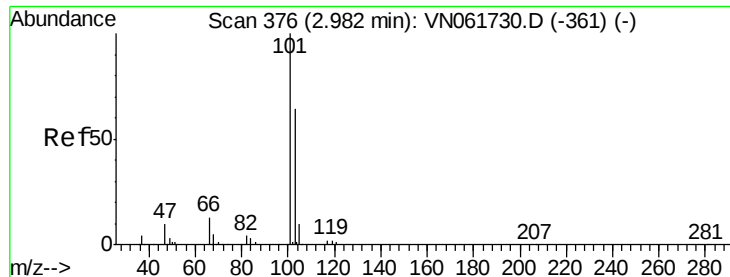
66 34.5 26.6 39.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



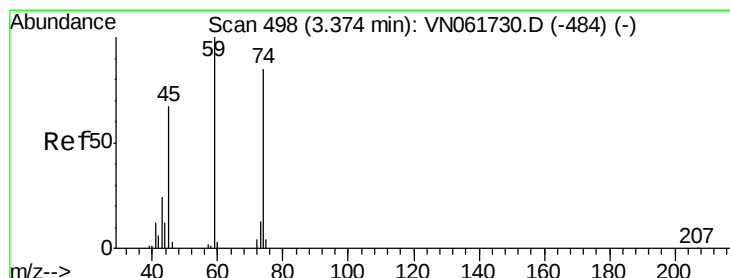
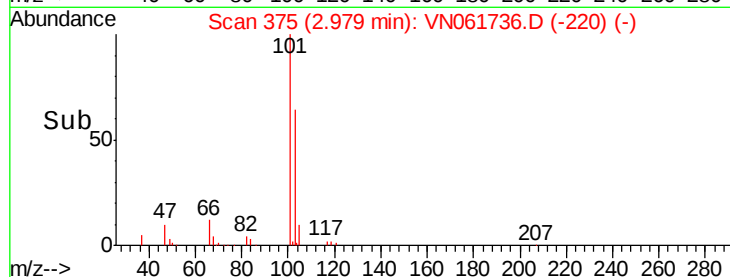
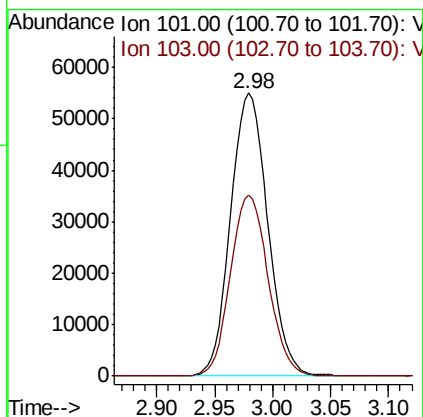
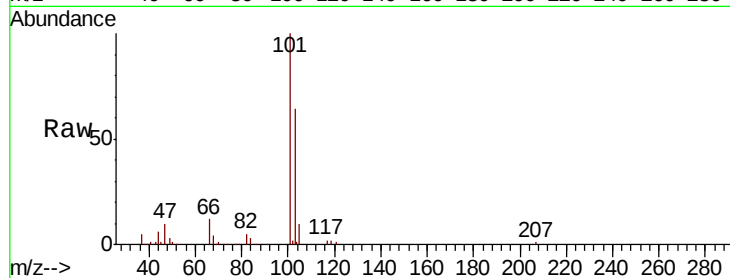


#7

Trichlorofluoromethane
Concen: 20.067 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
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ClientSampleId :
VN0610WBS01

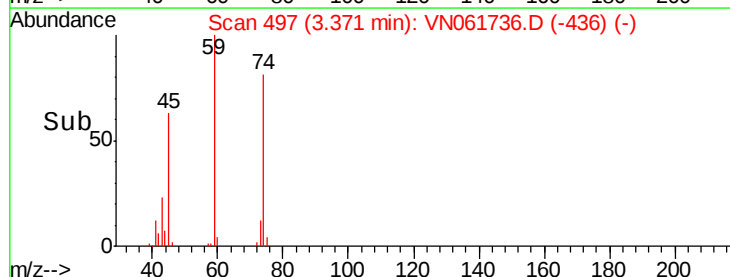
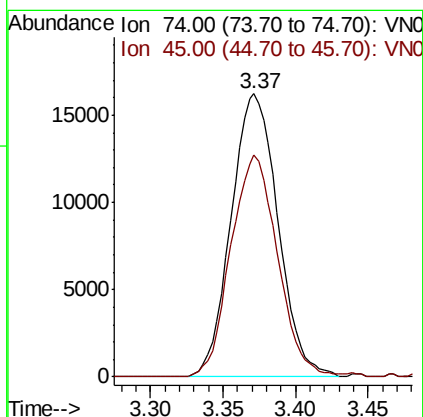
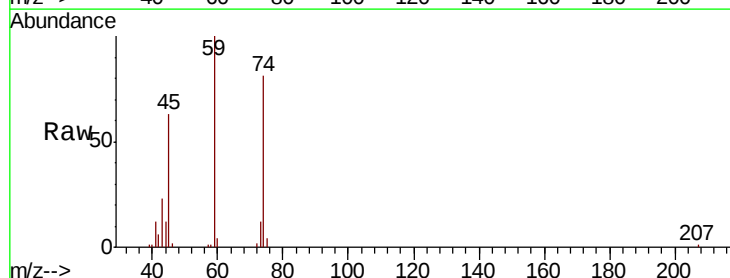
Tot Ion:101 Resp: 122418
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7

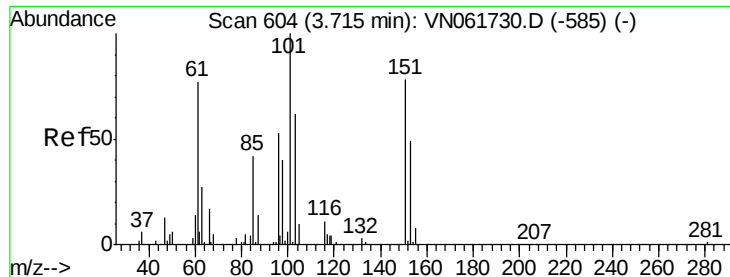


#8

Diethyl Ether
Concen: 19.211 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 74 Resp: 36558
Ion Ratio Lower Upper
74 100
45 78.1 15.4 138.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.204 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

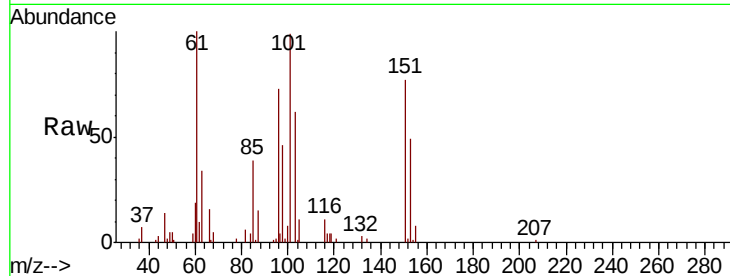
Tot Ion:101 Resp: 63038

Ion Ratio Lower Upper

101 100

85 42.5 0.0 84.8

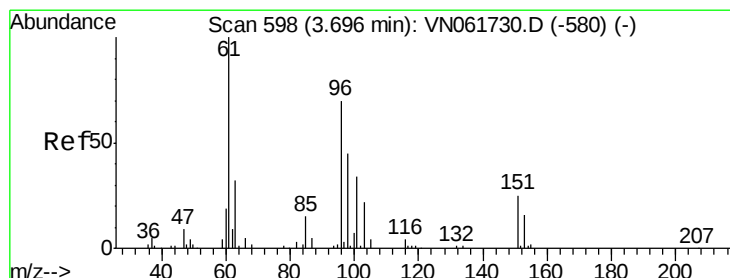
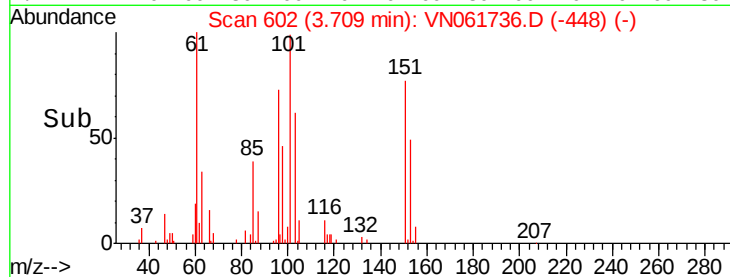
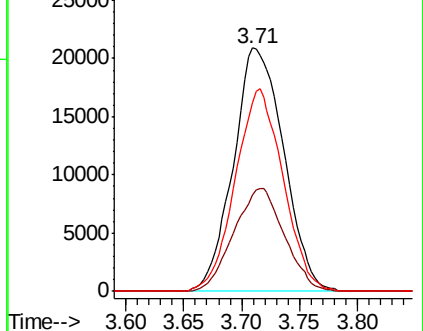
151 78.9 0.0 159.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.885 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

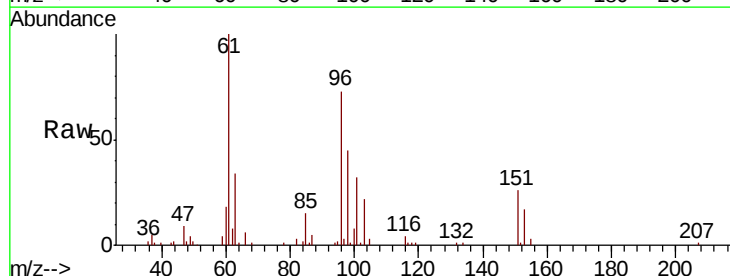
Tgt Ion: 96 Resp: 61131

Ion Ratio Lower Upper

96 100

61 136.9 114.9 172.3

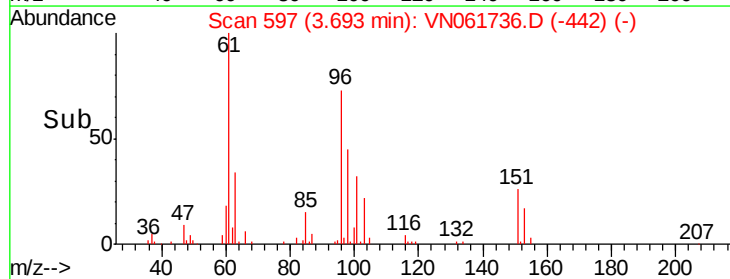
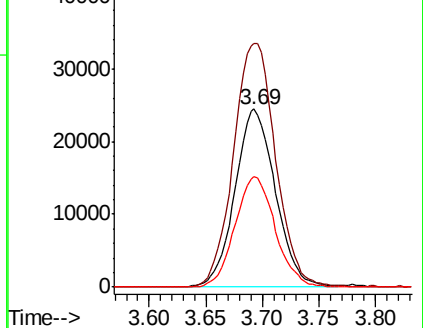
98 62.3 52.2 78.2

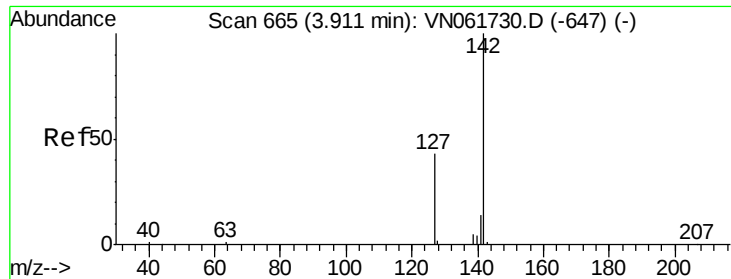


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

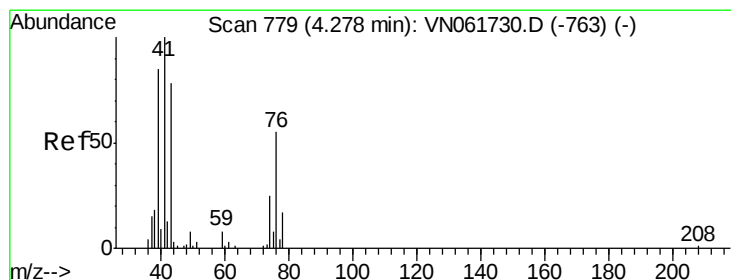
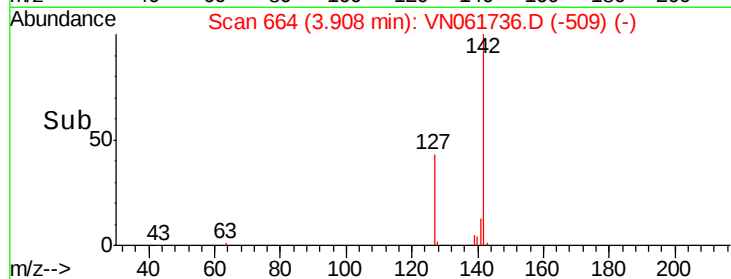
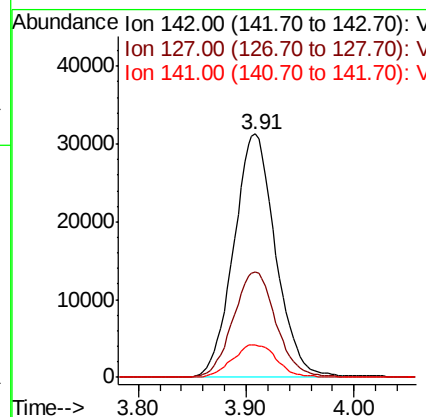
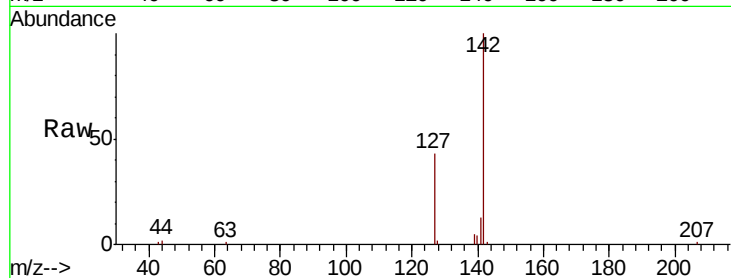




#11
Methvl Iodide
Concen: 20.154 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

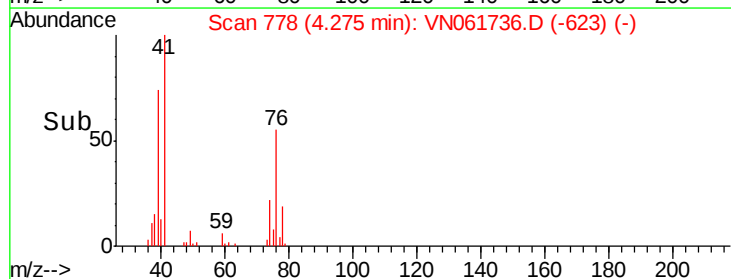
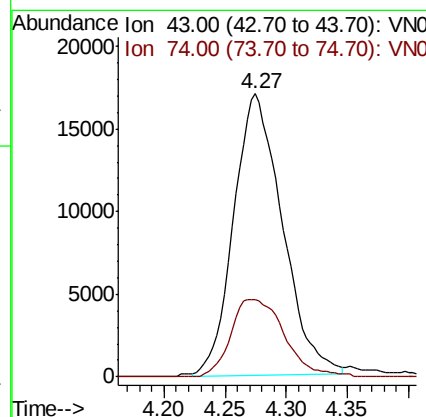
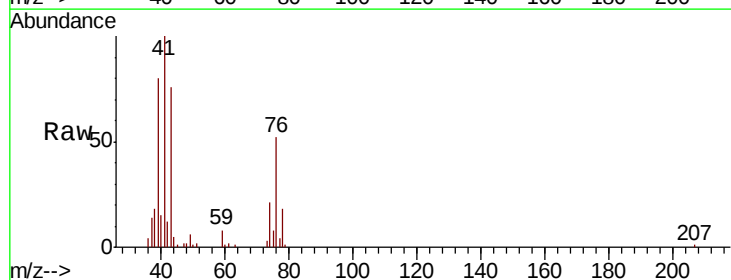
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

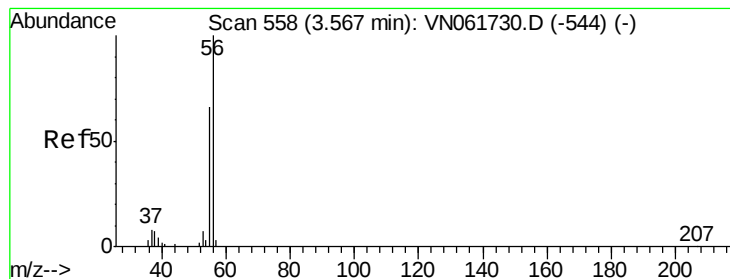
Tot Ion:142 Resp: 84432
Ion Ratio Lower Upper
142 100
127 43.5 21.6 64.6
141 13.3 7.2 21.6



#12
Methyl Acetate
Concen: 19.247 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 43 Resp: 47080
Ion Ratio Lower Upper
43 100
74 27.6 25.8 38.6





#13

Acrolein

Concen: 77.872 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

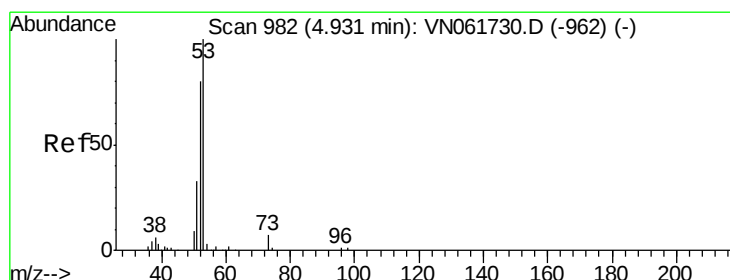
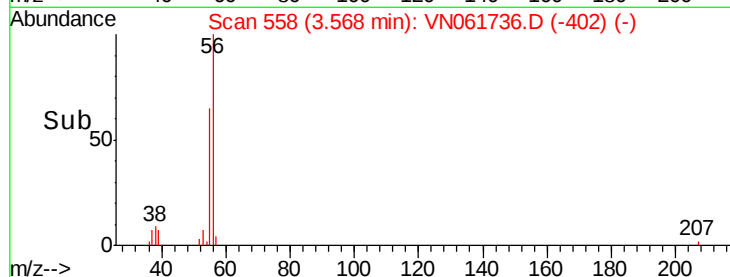
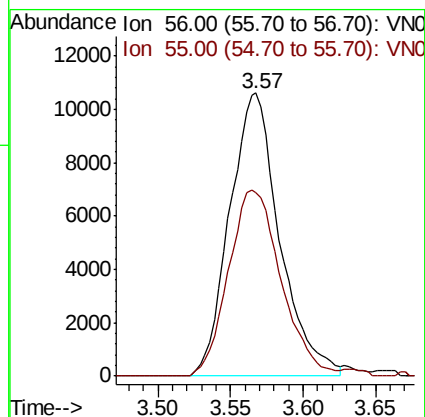
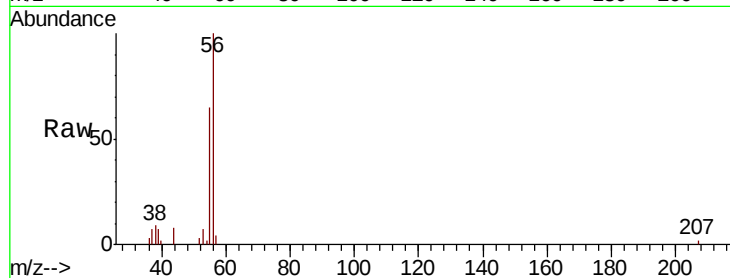
VN0610WBS01

Tot Ion: 56 Resp: 25489

Ion Ratio Lower Upper

56 100

55 69.1 53.9 80.9



#14

Acrylonitrile

Concen: 93.656 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

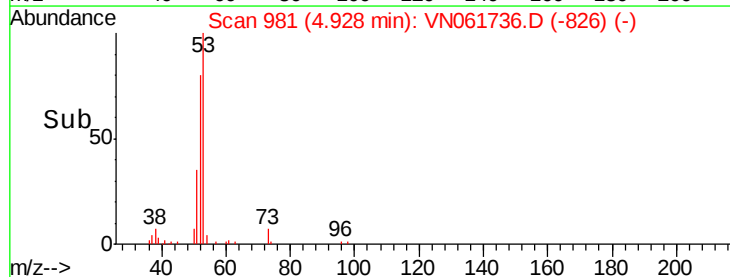
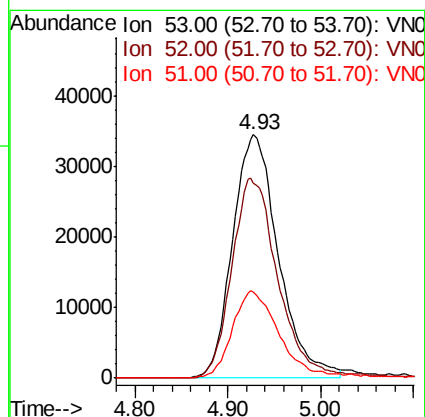
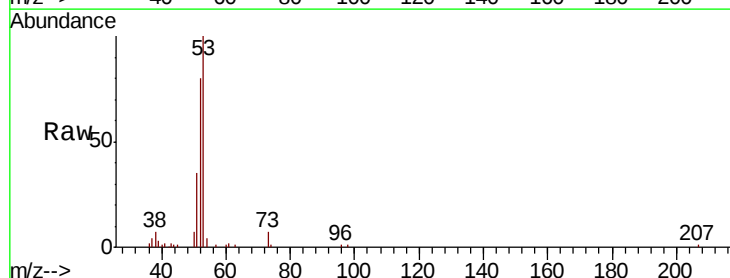
Tgt Ion: 53 Resp: 118240

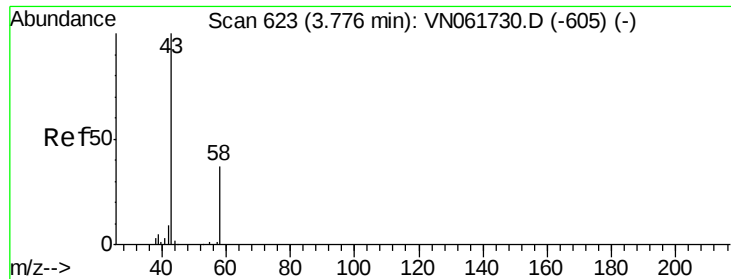
Ion Ratio Lower Upper

53 100

52 83.3 41.3 123.7

51 36.1 8.0 23.8#





#15

Acetone

Concen: 106.956 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

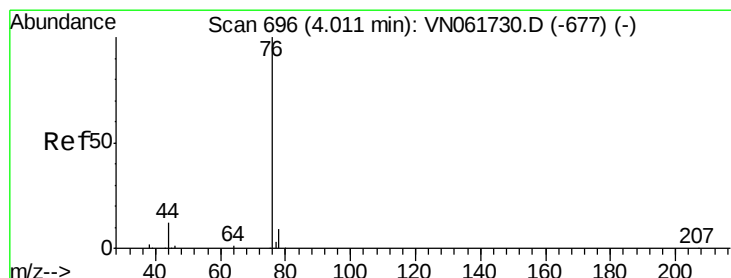
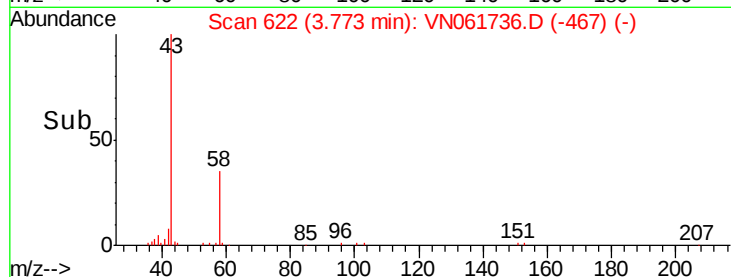
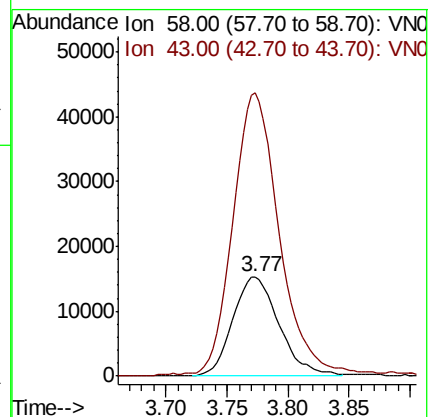
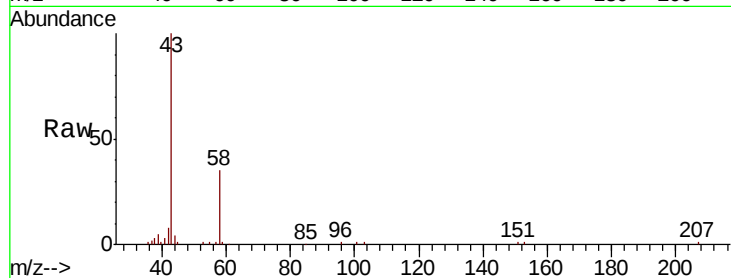
VN0610WBS01

Tot Ion: 58 Resp: 40379

Ion Ratio Lower Upper

58 100

43 281.4 213.7 320.5



#16

Carbon Disulfide

Concen: 23.005 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.01 min

Lab File: VN061736.D

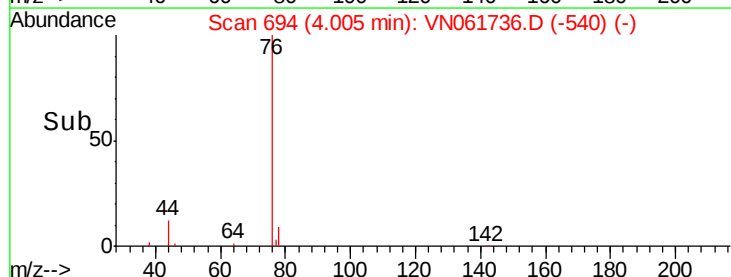
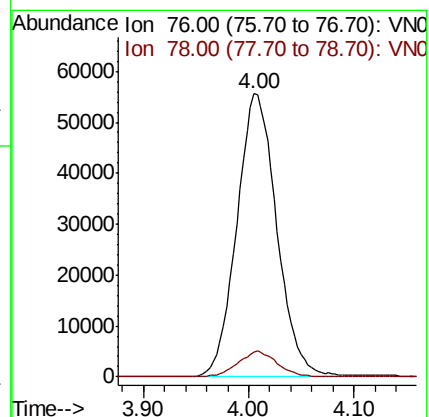
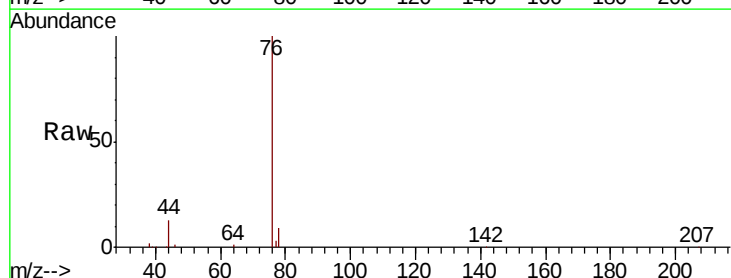
Acq: 10 Jun 2020 14:49

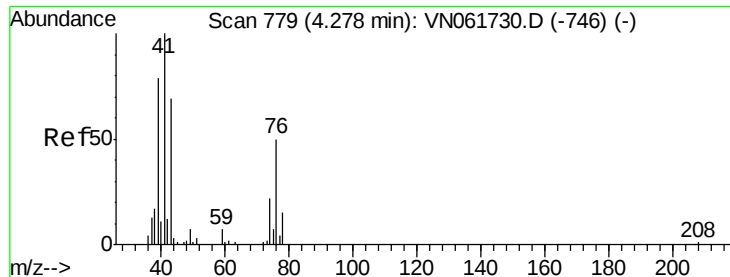
Tgt Ion: 76 Resp: 146474

Ion Ratio Lower Upper

76 100

78 8.6 7.6 11.4





#17

Allvl chloride

Concen: 19.529 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

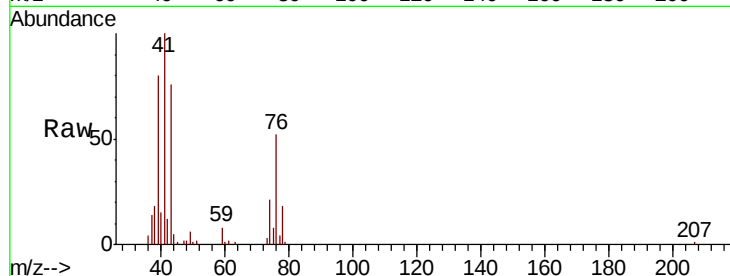
Tot Ion: 41 Resp: 68387

Ion Ratio Lower Upper

41 100

39 80.7 39.5 118.5

76 52.8 24.9 74.7

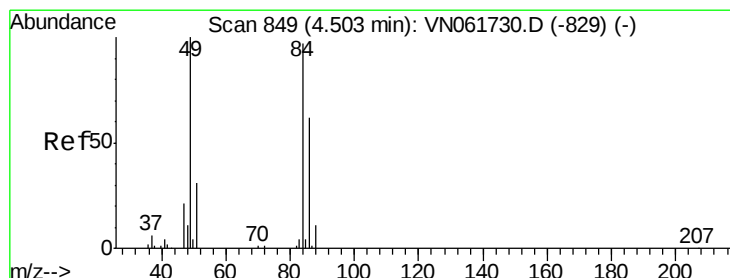
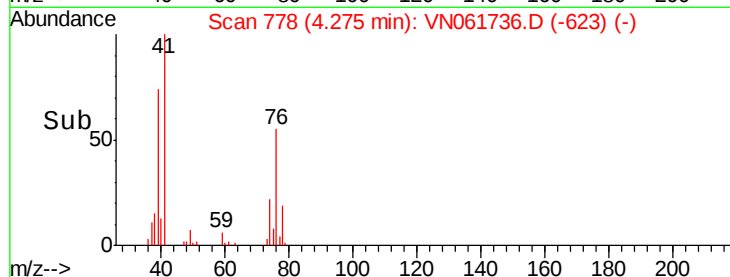
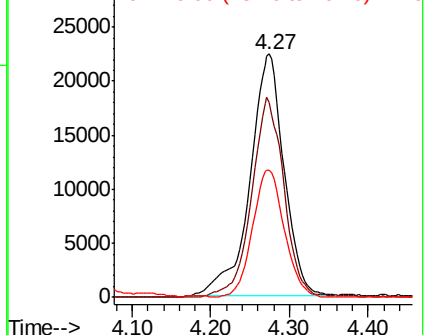


Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 76.00 (75.70 to 76.70): VNO



#18

Methylene Chloride

Concen: 19.447 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion: 84 Resp: 68601

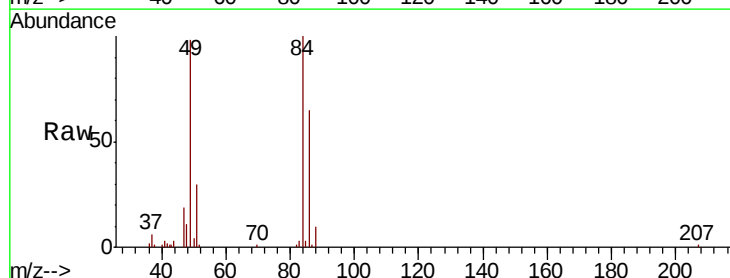
Ion Ratio Lower Upper

84 100

49 98.4 82.6 124.0

51 30.2 25.4 38.0

86 64.7 51.5 77.3



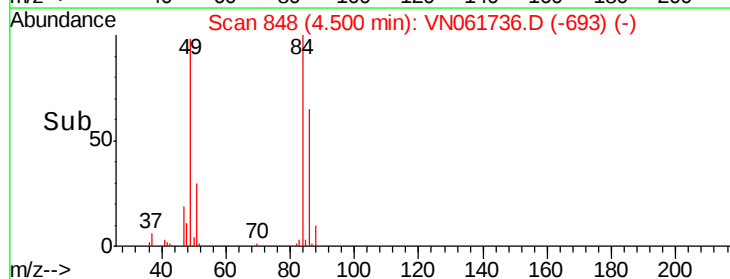
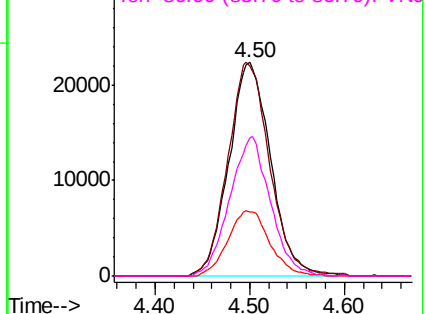
Abundance

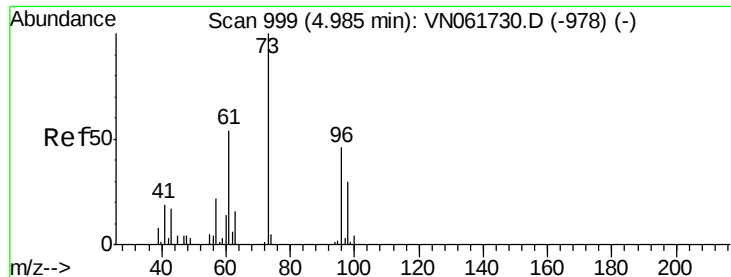
Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO





#19

trans-1,2-Dichloroethene

Concen: 19.493 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

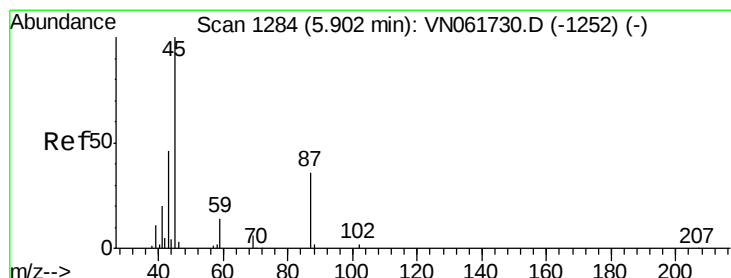
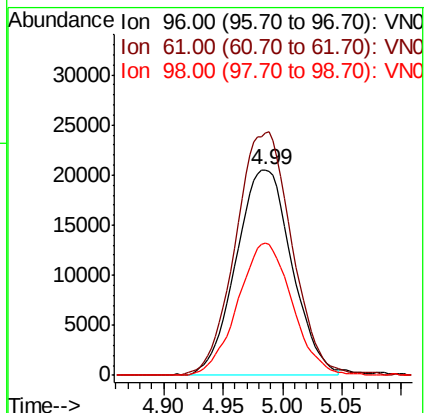
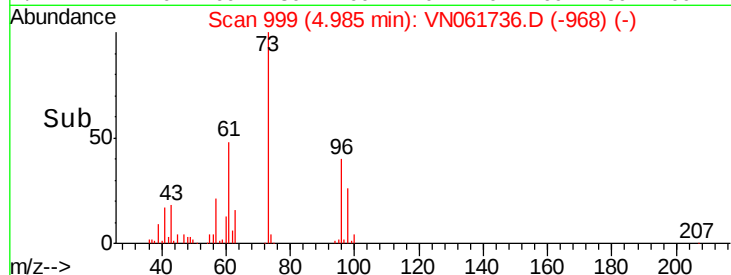
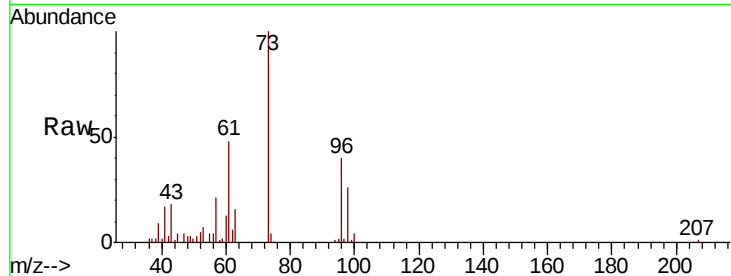
Tot Ion: 96 Resp: 66635

Ion Ratio Lower Upper

96 100

61 116.6 95.4 143.0

98 64.3 52.6 79.0



#20

Diisopropyl ether

Concen: 19.550 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Tgt Ion: 45 Resp: 163554

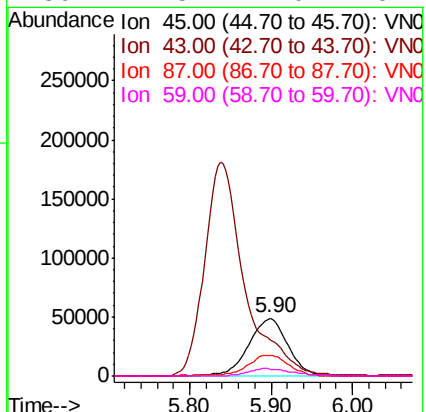
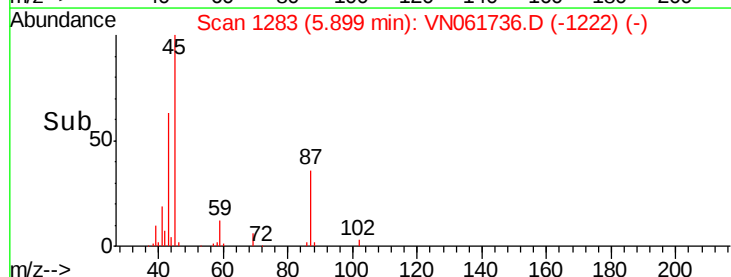
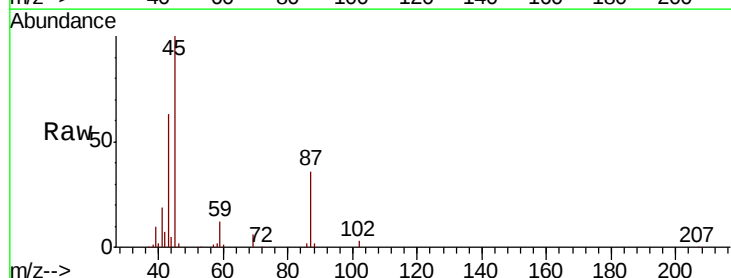
Ion Ratio Lower Upper

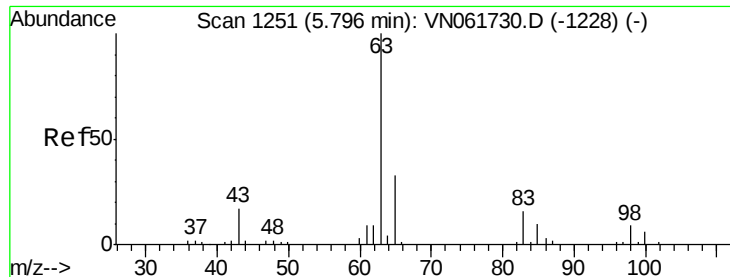
45 100

43 60.5 50.7 76.1

87 35.8 30.1 45.1

59 11.5 11.0 16.4

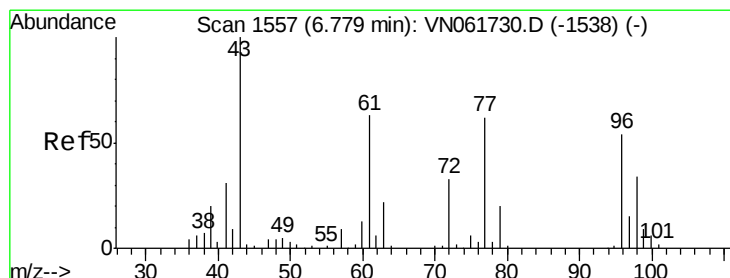
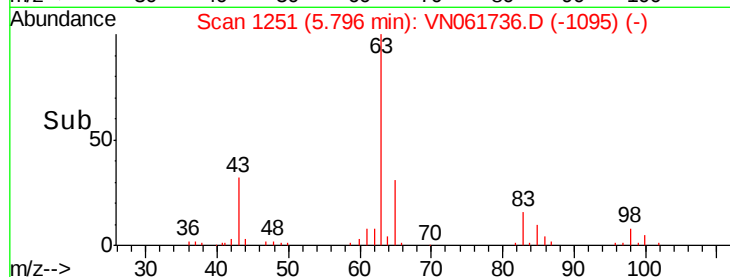
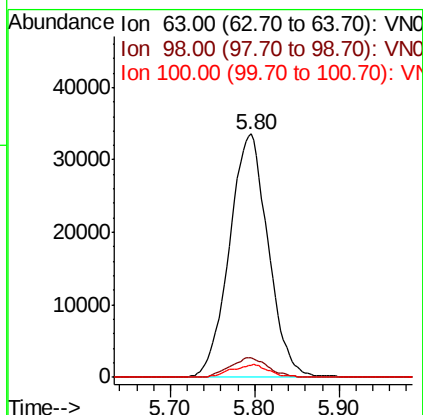
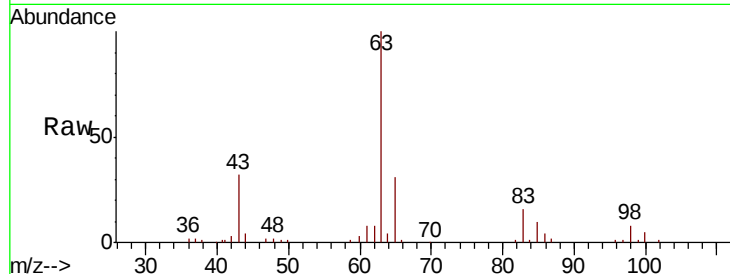




#21
 1,1-Dichloroethane
 Concen: 19.276 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

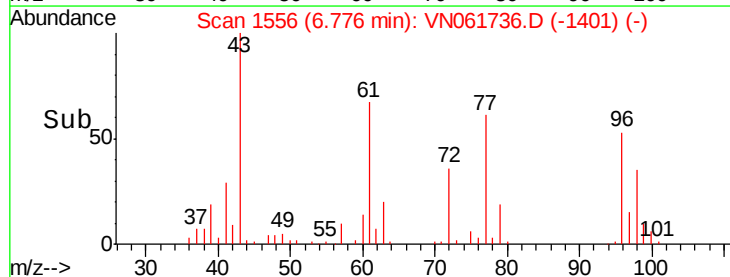
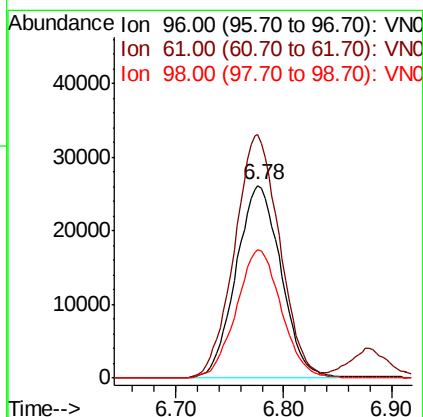
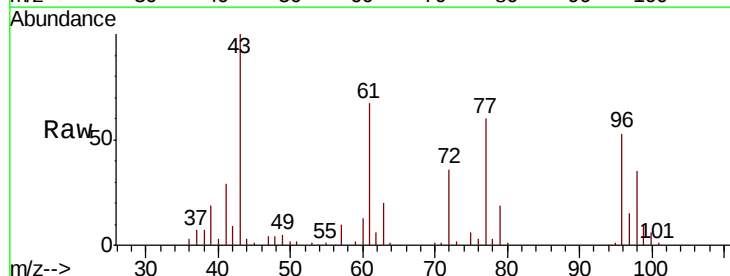
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

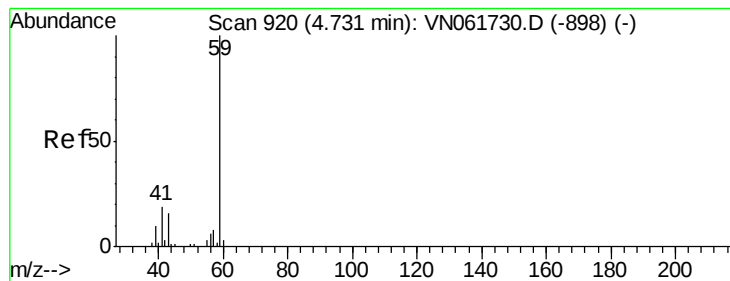
Tot Ion	Ratio	Lower	Upper
63	100		
98	8.1	4.5	13.7
100	5.1	2.9	8.7



#22
 cis-1,2-Dichloroethene
 Concen: 18.926 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.6	100.6	151.0
98	66.6	52.6	79.0





#23

tert-Butyl Alcohol

Concen: 99.657 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

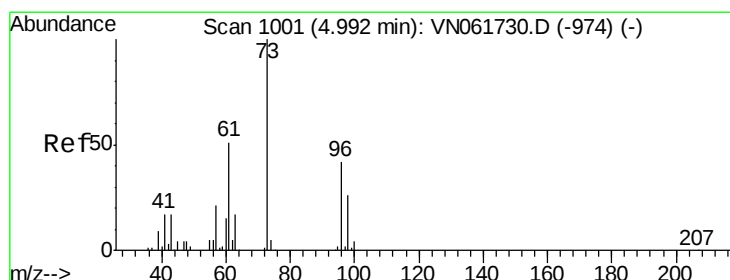
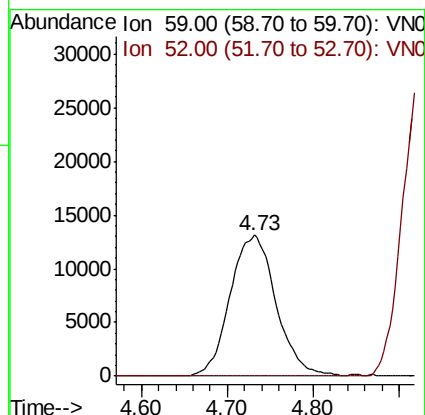
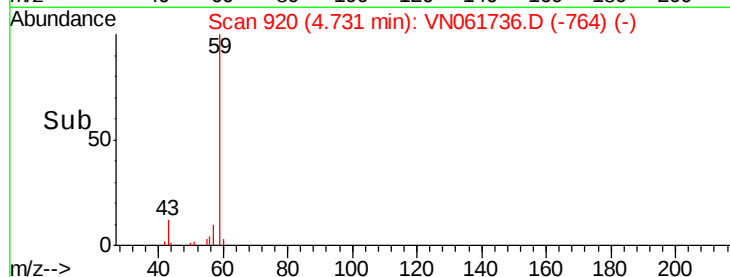
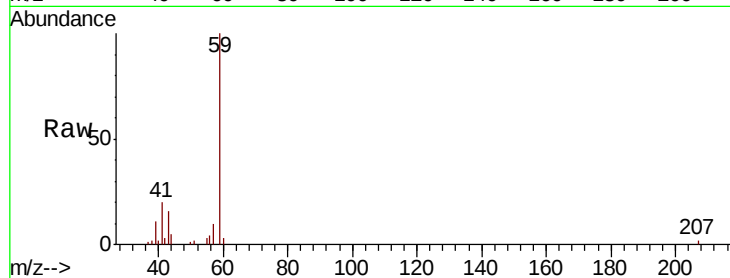
VN0610WBS01

Tot Ion: 59 Resp: 48654

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.247 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN061736.D

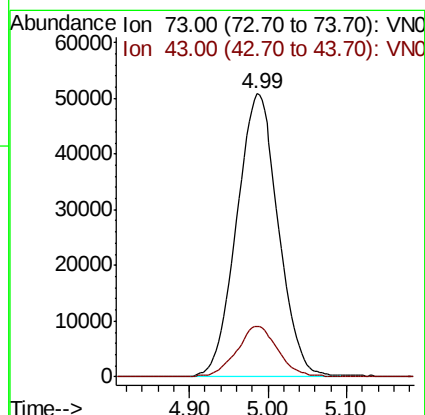
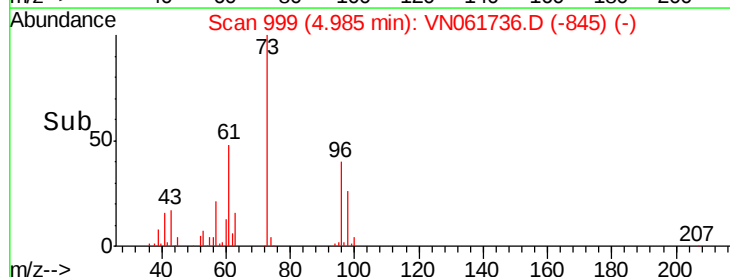
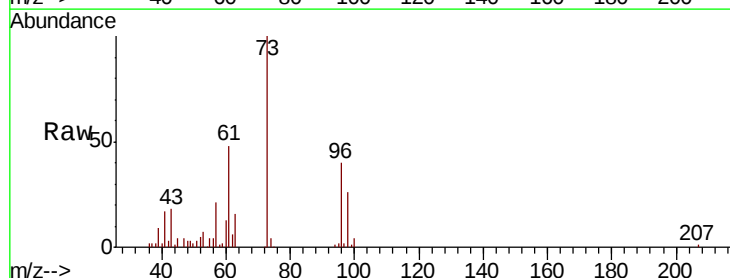
Acq: 10 Jun 2020 14:49

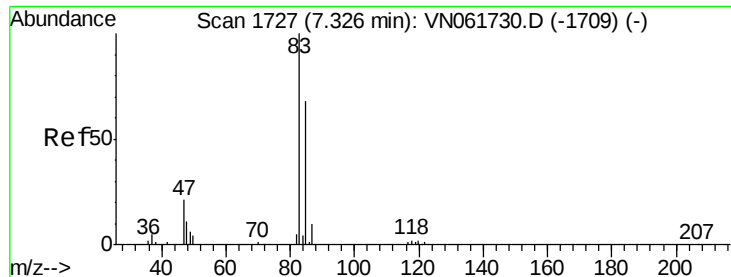
Tgt Ion: 73 Resp: 188612

Ion Ratio Lower Upper

73 100

43 9.9 7.0 10.4

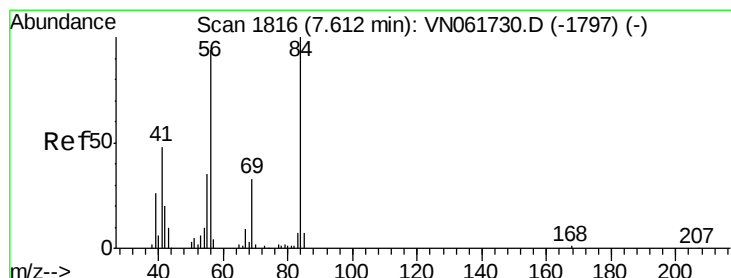
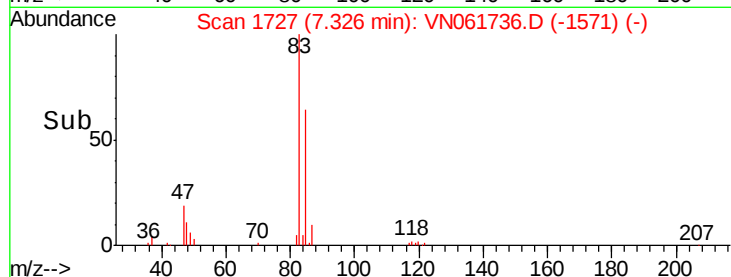
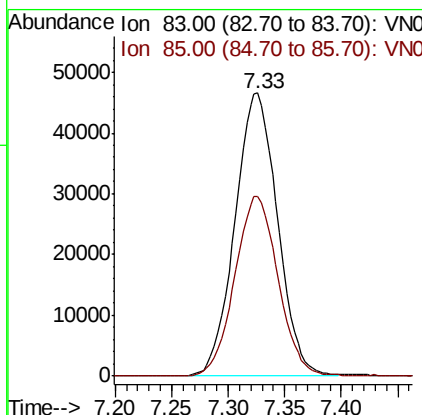
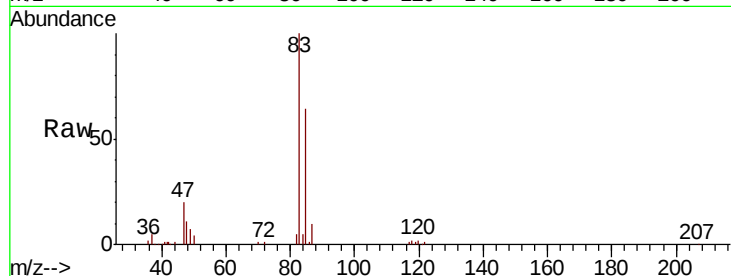




#25
Chloroform
Concen: 19.385 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

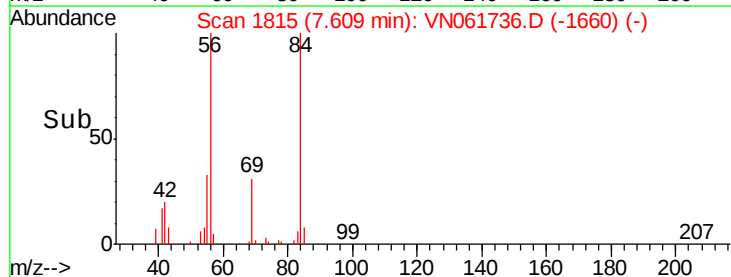
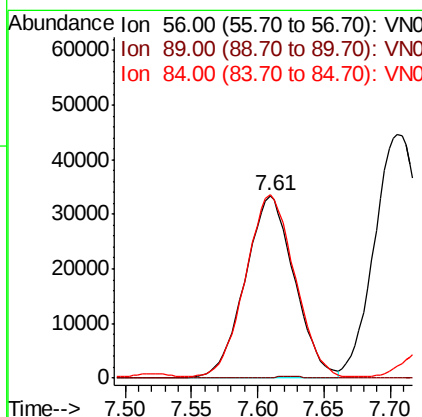
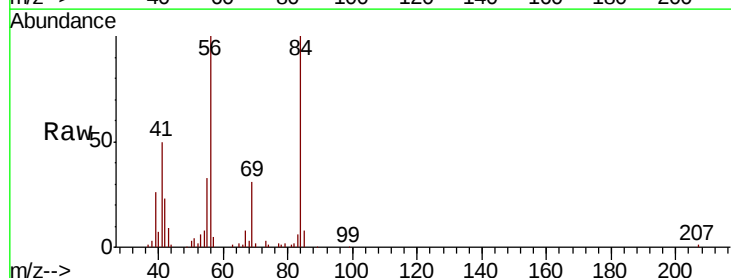
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

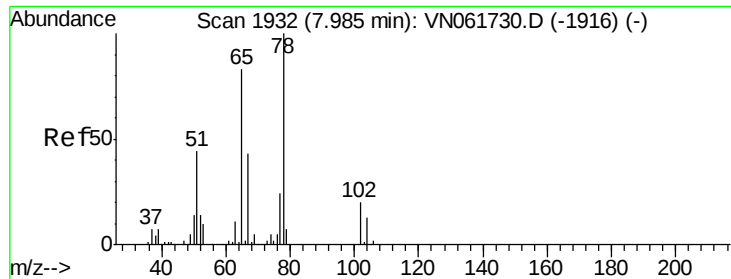
Tot Ion: 83 Resp: 122155
Ion Ratio Lower Upper
83 100
85 63.6 54.2 81.4



#26
Cyclohexane
Concen: 20.326 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 56 Resp: 86335
Ion Ratio Lower Upper
56 100
89 0.4 0.0 0.0#
84 101.6 83.5 125.3

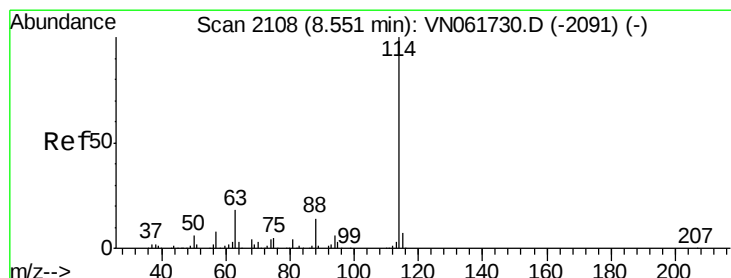
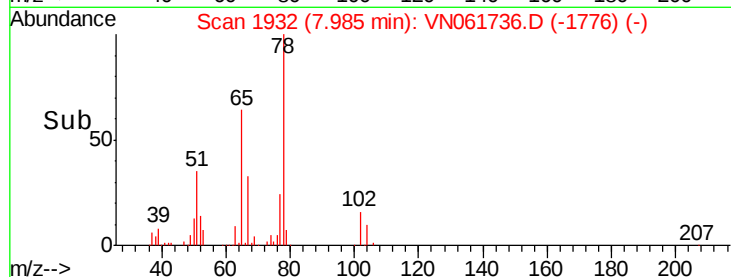
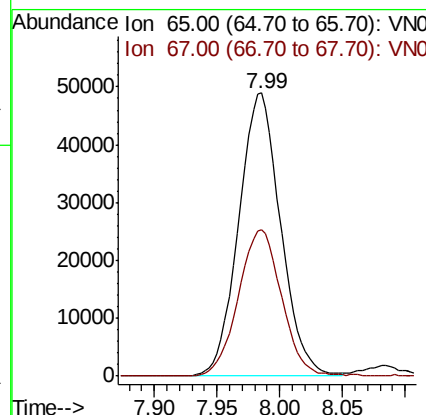
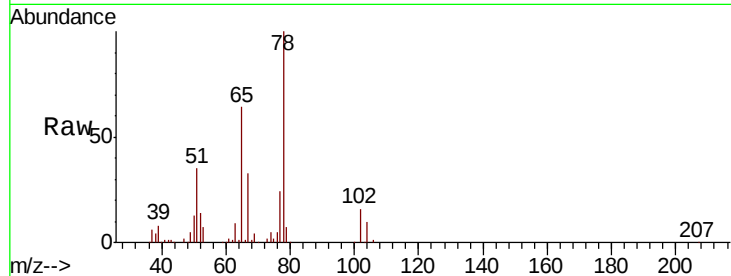




#27
 1,2-Dichloroethane-d4
 Concen: 29.847 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

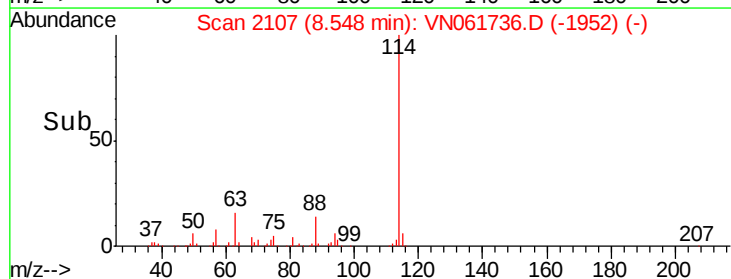
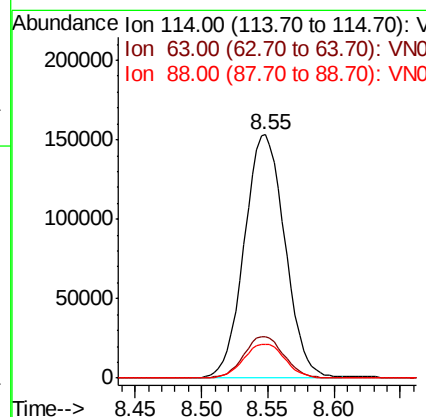
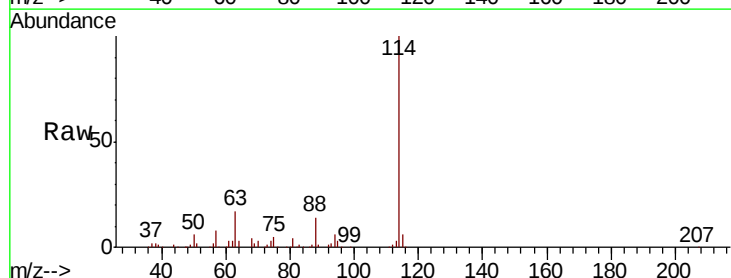
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

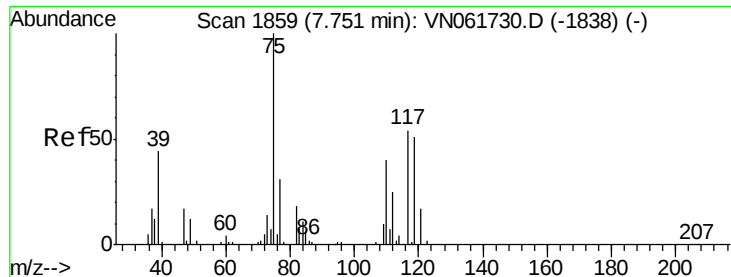
Tot Ion: 65 Resp: 113806
 Ion Ratio Lower Upper
 65 100
 67 53.0 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion: 114 Resp: 326403
 Ion Ratio Lower Upper
 114 100
 63 17.1 14.2 21.2
 88 14.4 11.4 17.2

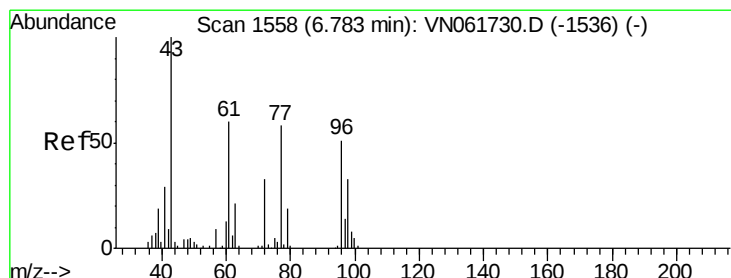
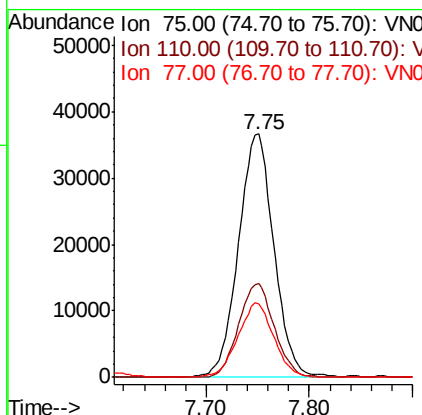
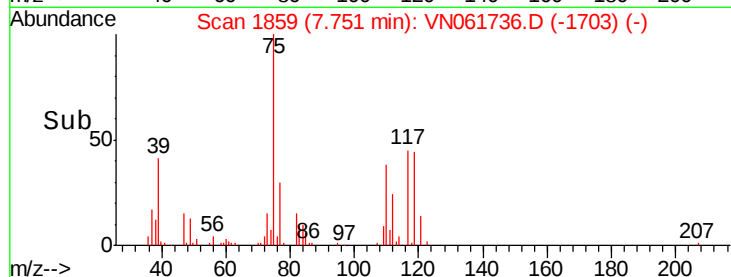
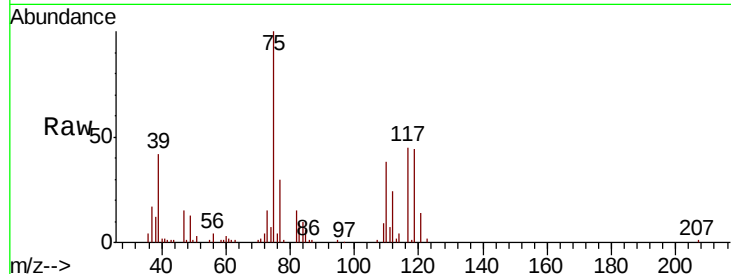




#29
 1,1-Dichloropropene
 Concen: 19.972 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

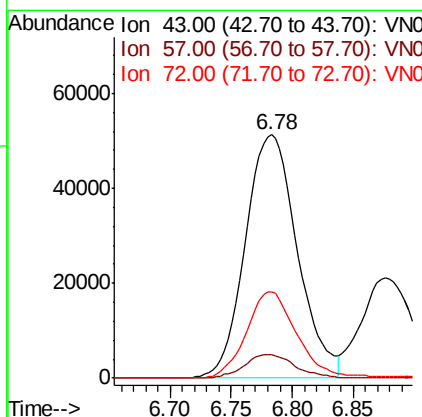
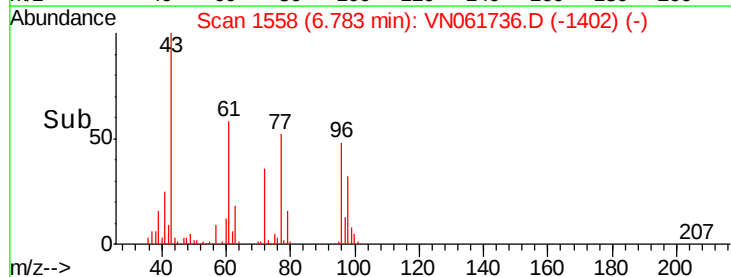
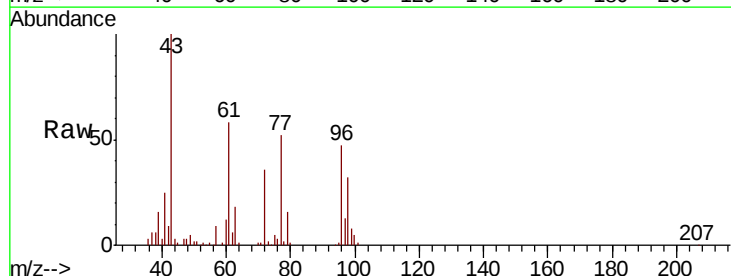
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

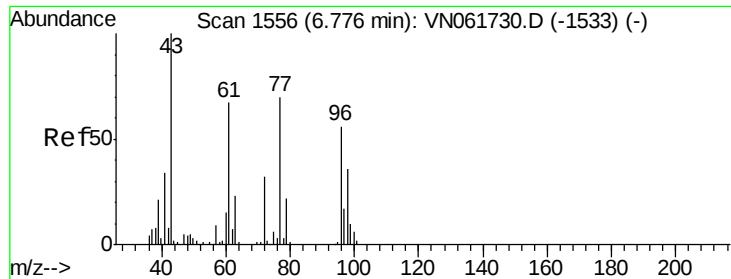
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	78.6
77	30.9	0.0	62.4



#30
 2-Butanone
 Concen: 99.915 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.4	7.6	11.4
72	33.7	27.8	41.6





#31

2,2-Dichloropropane

Concen: 19.759 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

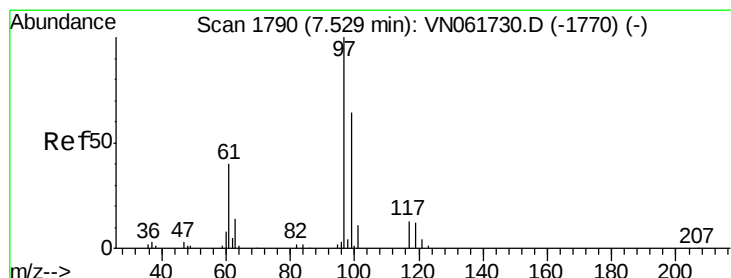
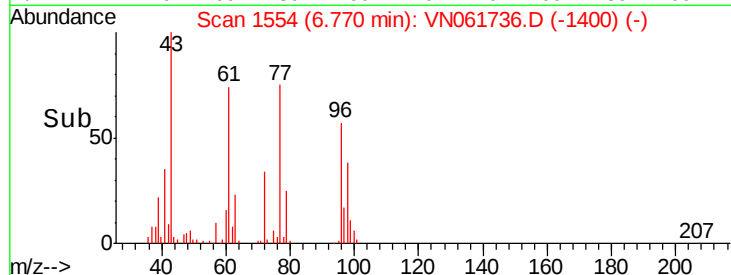
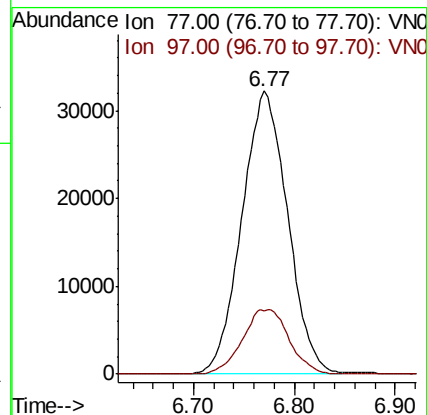
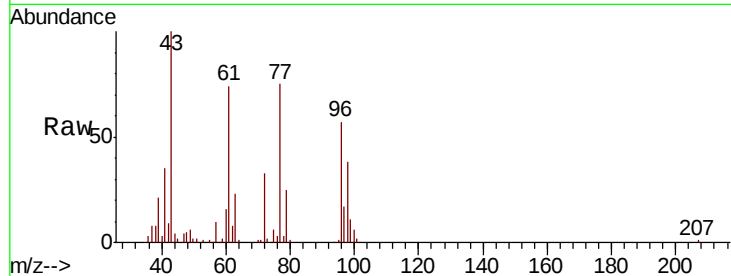
VN0610WBS01

Tot Ion: 77 Resp: 101464

Ion Ratio Lower Upper

77 100

97 11.5 19.6 29.4#



#32

1,1,1-Trichloroethane

Concen: 19.351 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

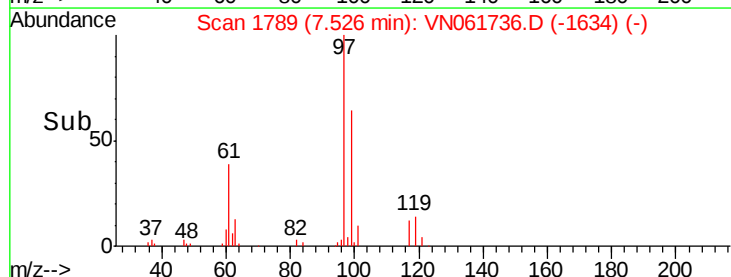
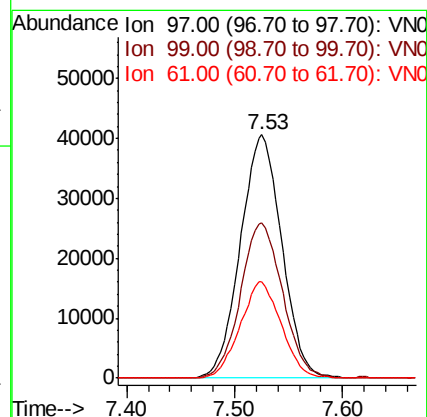
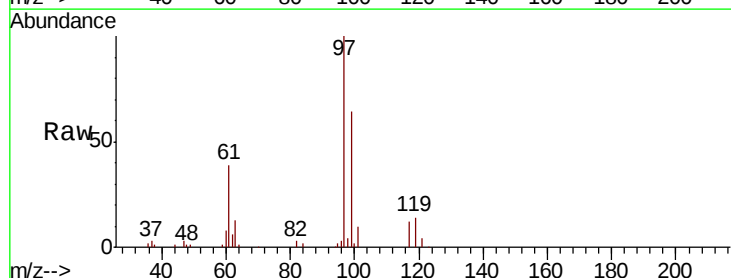
Tgt Ion: 97 Resp: 108370

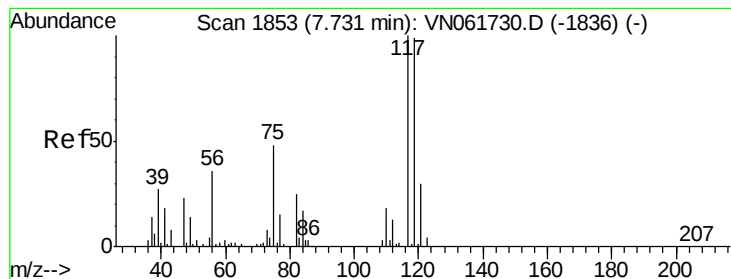
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 39.3 32.3 48.5





#33

Carbon Tetrachloride

Concen: 19.234 ug/l

RT: 7.73 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

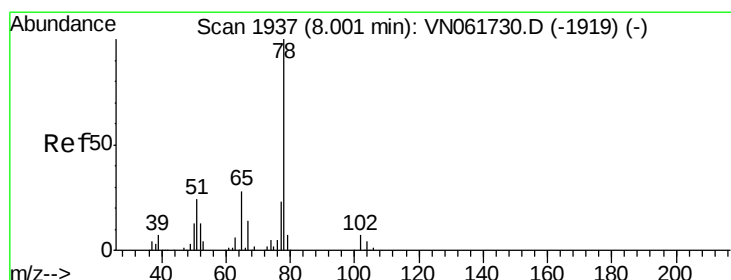
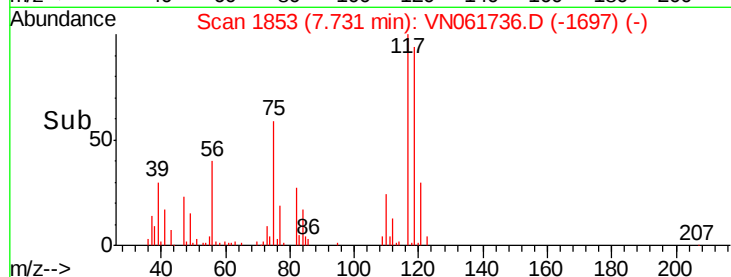
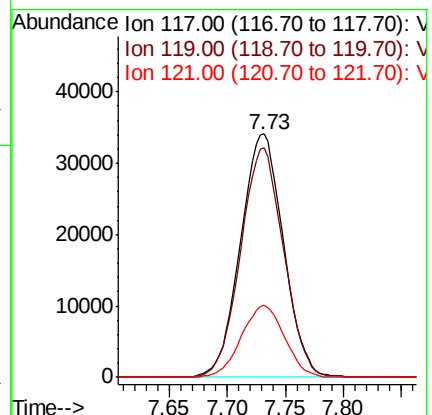
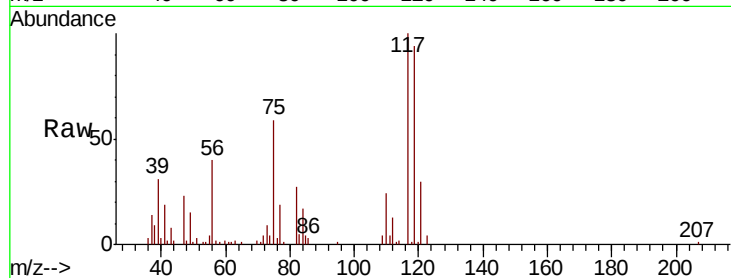
Tot Ion:117 Resp: 87706

Ion Ratio Lower Upper

117 100

119 94.3 79.3 118.9

121 29.6 24.2 36.4



#34

Benzene

Concen: 19.485 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

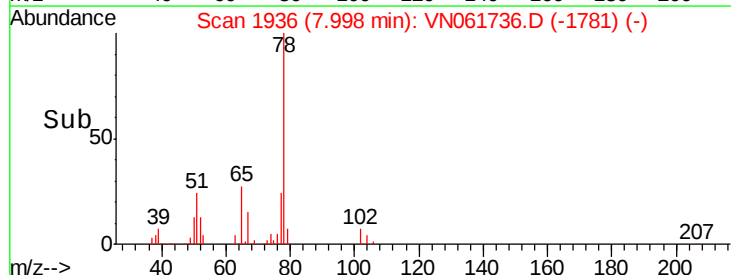
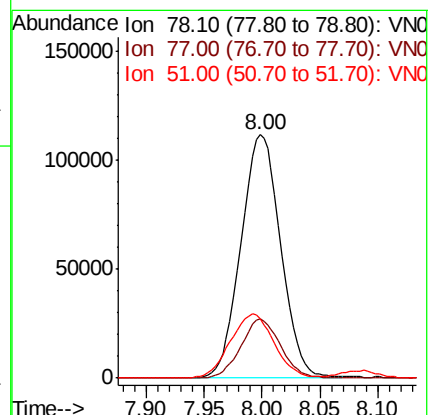
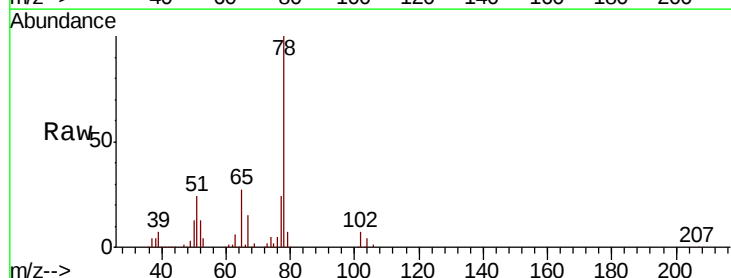
Tgt Ion: 78 Resp: 266408

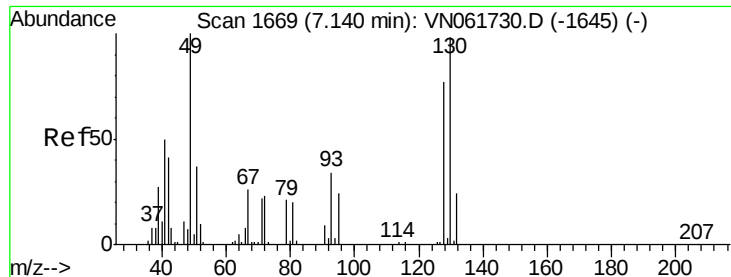
Ion Ratio Lower Upper

78 100

77 24.3 18.4 27.6

51 23.8 19.1 28.7

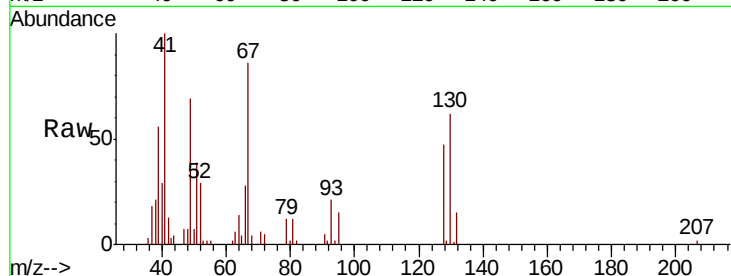




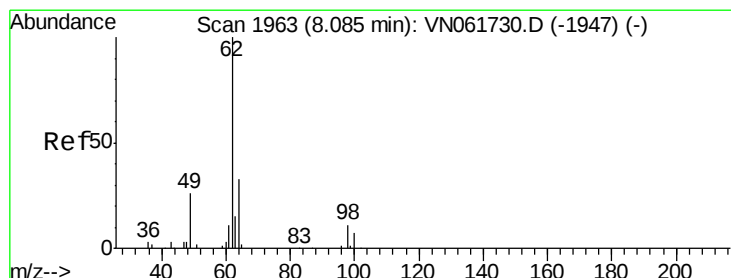
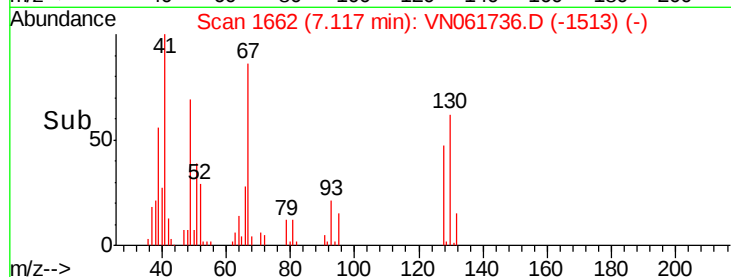
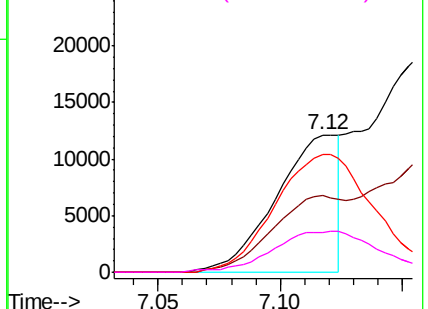
#35
Methacrylonitrile
Concen: 15.283 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.02 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion: 41 Resp: 21565
Ion Ratio Lower Upper
41 100
39 55.7 26.5 79.5
67 85.7 25.4 76.2#
52 27.7 10.4 31.2

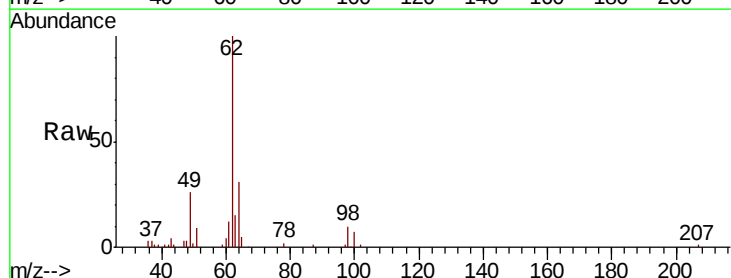


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

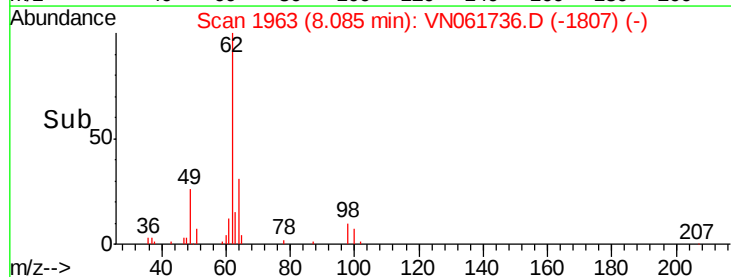
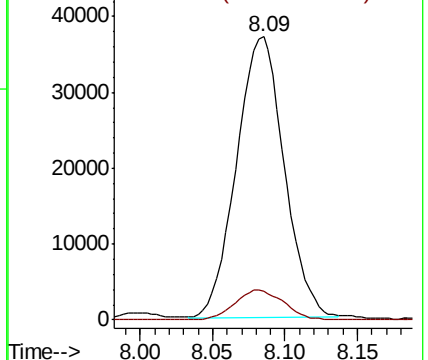


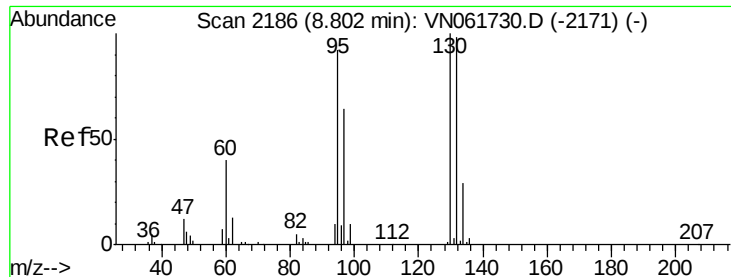
#36
1,2-Dichloroethane
Concen: 19.164 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 62 Resp: 84682
Ion Ratio Lower Upper
62 100
98 10.8 9.4 14.2



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

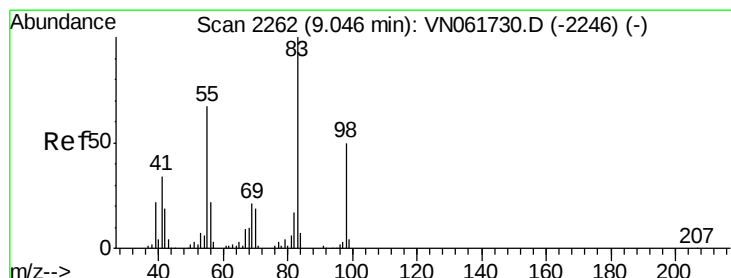
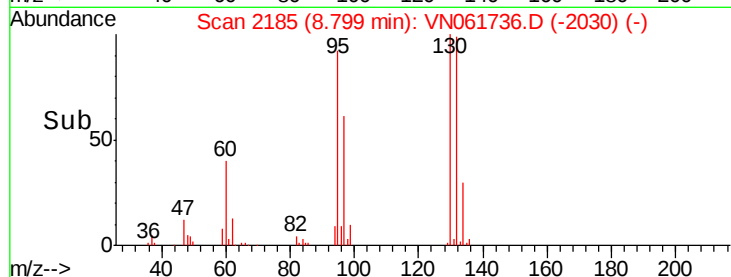
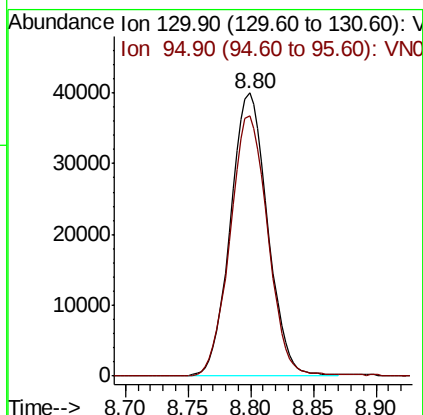
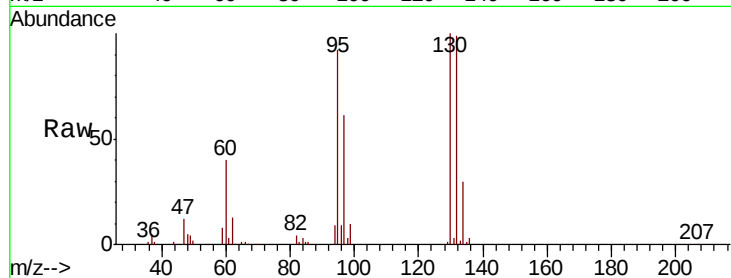




#37
 Trichloroethene
 Concen: 19.338 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

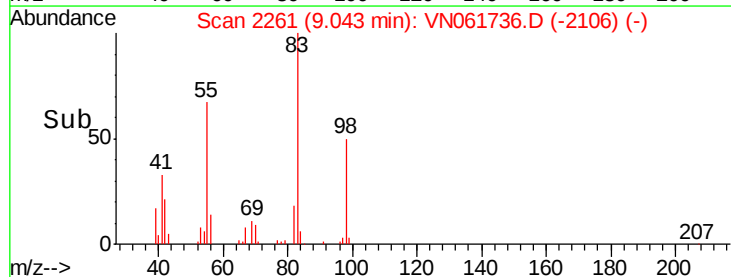
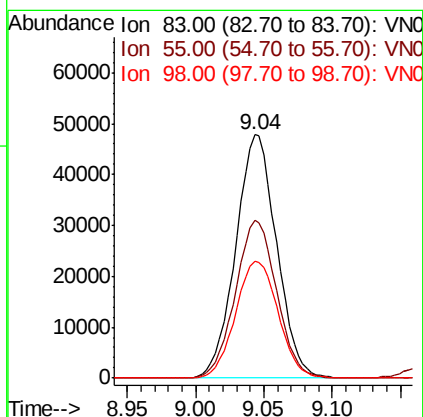
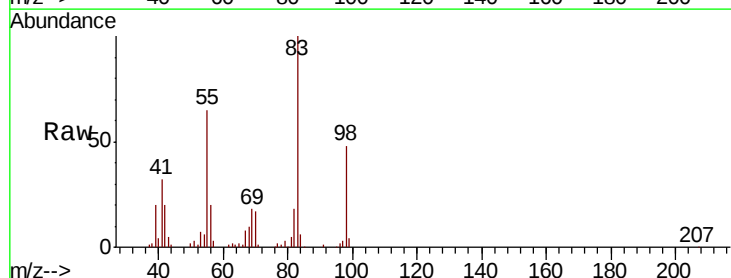
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

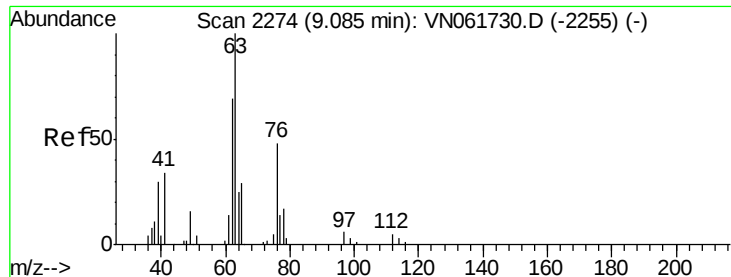
Tot Ion:130 Resp: 82468
 Ion Ratio Lower Upper
 130 100
 95 92.1 73.9 110.9



#38
 Methylcyclohexane
 Concen: 20.308 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion: 83 Resp: 99695
 Ion Ratio Lower Upper
 83 100
 55 65.4 32.7 98.1
 98 50.0 25.4 76.4





#39

1,2-Dichloropropane

Concen: 19.289 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

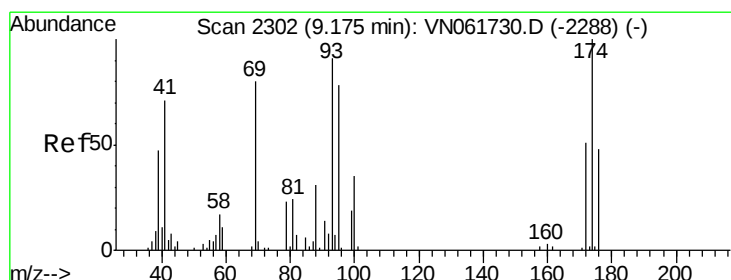
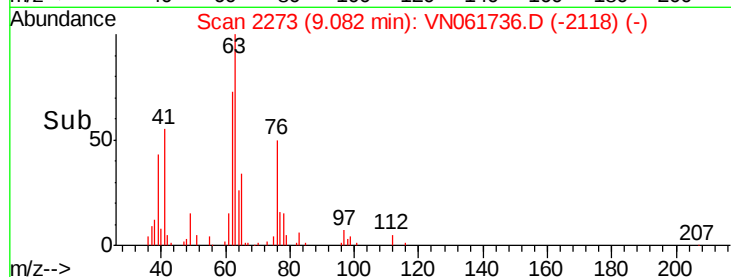
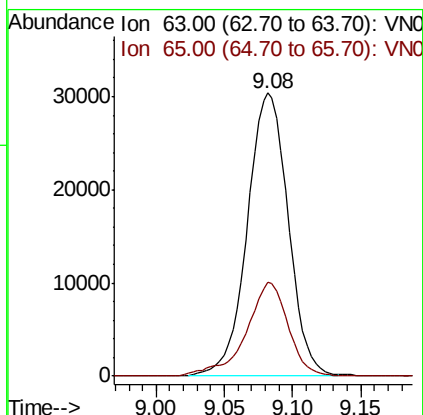
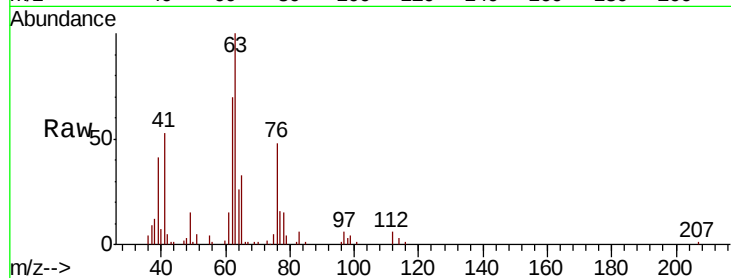
VN0610WBS01

Tot Ion: 63 Resp: 63169

Ion Ratio Lower Upper

63 100

65 33.0 24.3 36.5



#40

Dibromomethane

Concen: 19.096 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

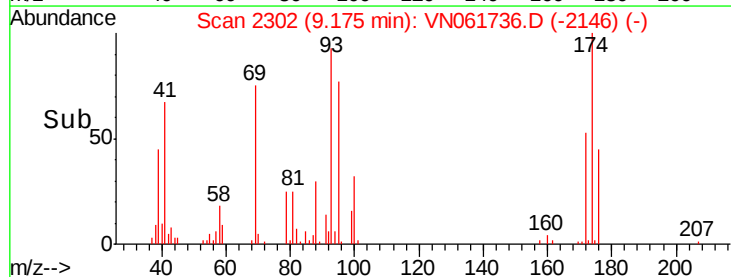
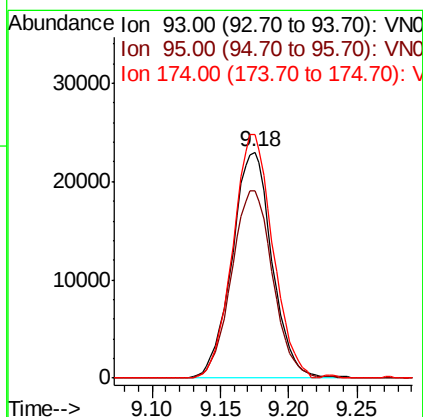
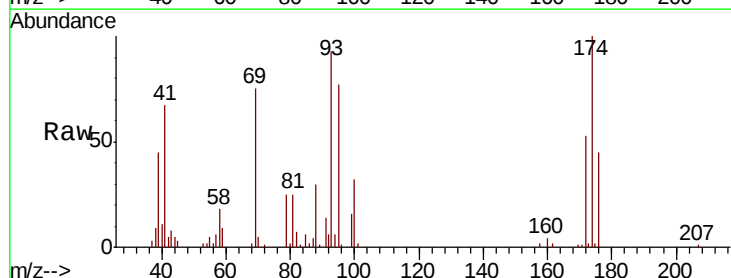
Tgt Ion: 93 Resp: 46903

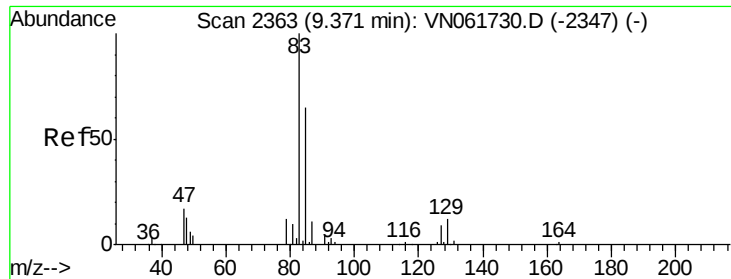
Ion Ratio Lower Upper

93 100

95 85.1 0.0 165.8

174 107.2 0.0 217.8





#41

Bromodichloromethane

Concen: 19.006 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

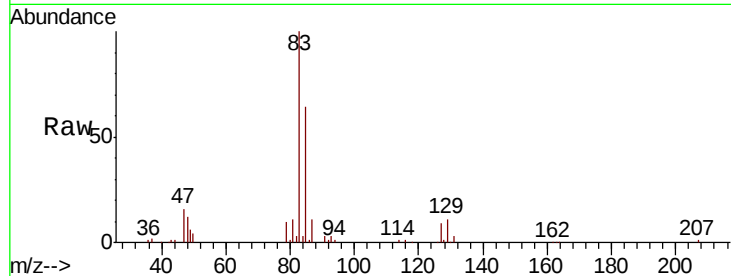
Tot Ion: 83 Resp: 94703

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.4

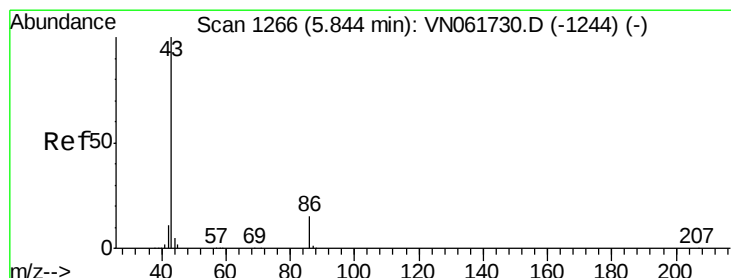
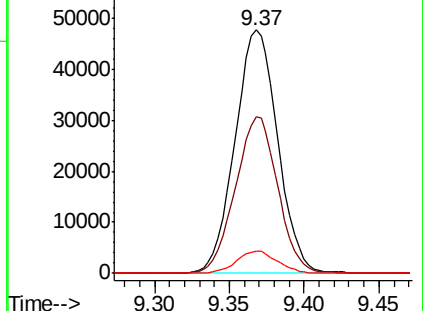
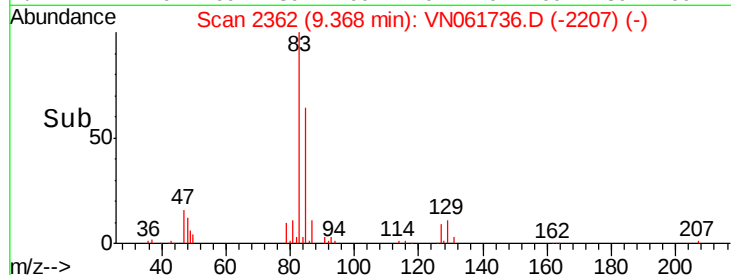
127 10.2 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN061736.D (-2207) (-)

Ion 85.00 (84.70 to 85.70): VN061736.D (-2207) (-)

Ion 127.00 (126.70 to 127.70): VN061736.D (-2207) (-)



#42

Vinyl Acetate

Concen: 99.383 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN061736.D

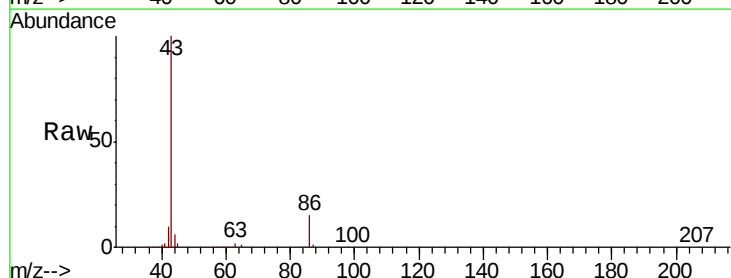
Acq: 10 Jun 2020 14:49

Tgt Ion: 43 Resp: 622865

Ion Ratio Lower Upper

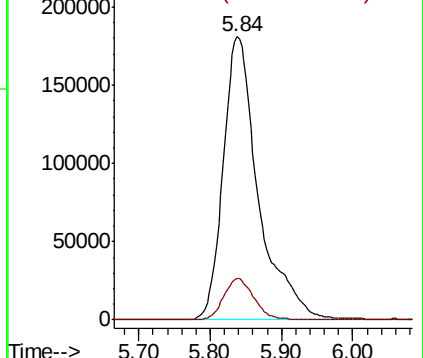
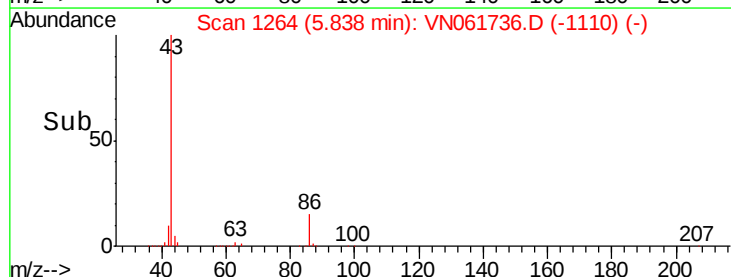
43 100

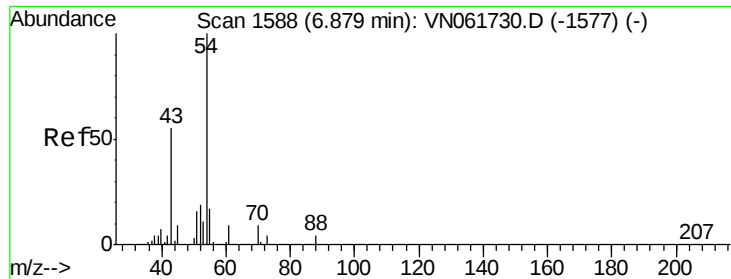
86 12.5 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN061736.D (-1110) (-)

Ion 86.00 (85.70 to 86.70): VN061736.D (-1110) (-)





#43

Ethyl Acetate

Concen: 21.045 ug/l

RT: 6.88 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

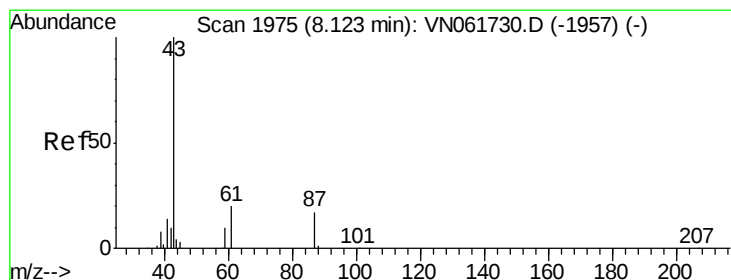
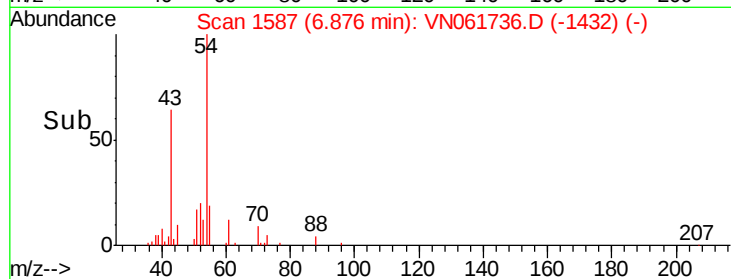
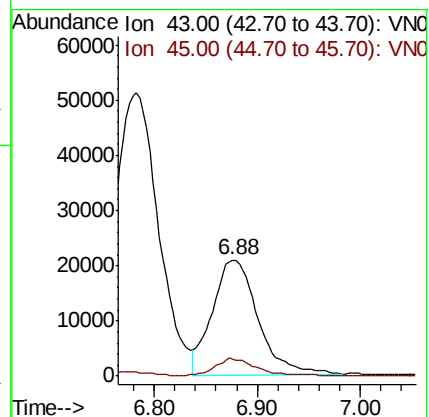
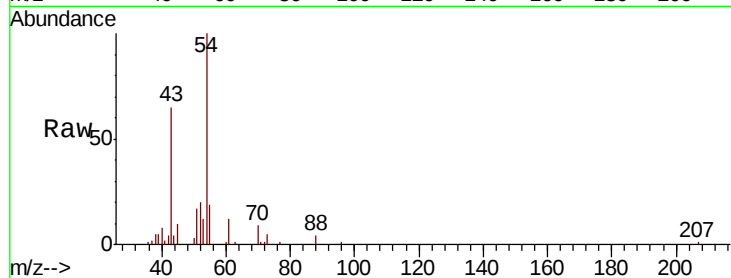
VN0610WBS01

Tot Ion: 43 Resp: 64928

Ion Ratio Lower Upper

43 100

45 13.6 11.4 17.2



#44

Isopropyl Acetate

Concen: 18.965 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN061736.D

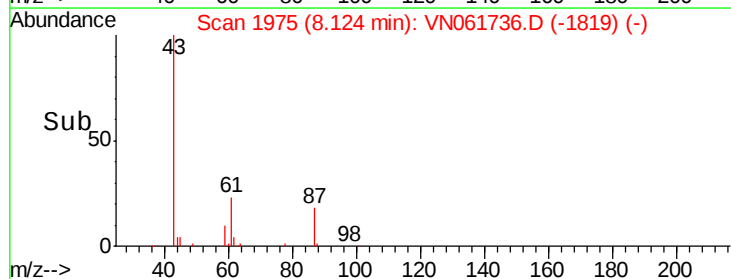
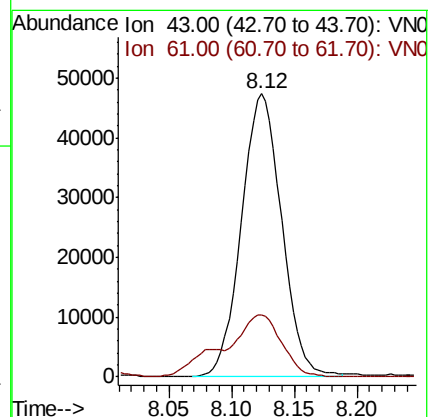
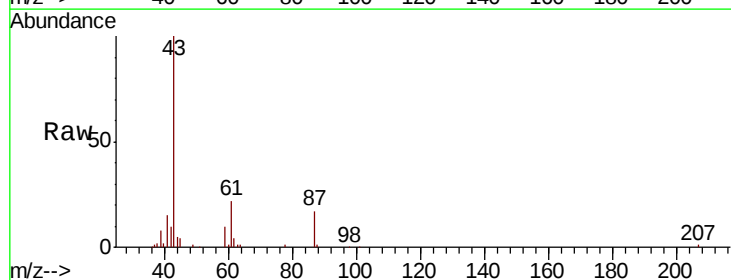
Acq: 10 Jun 2020 14:49

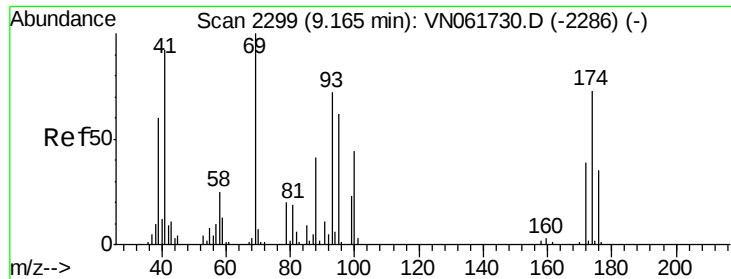
Tgt Ion: 43 Resp: 105866

Ion Ratio Lower Upper

43 100

61 22.9 18.9 28.3

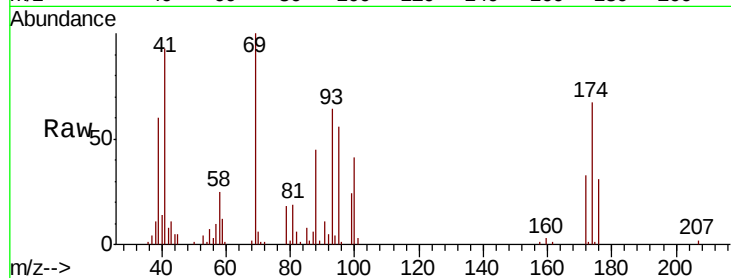




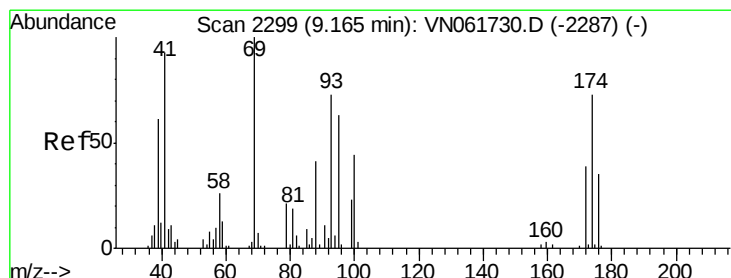
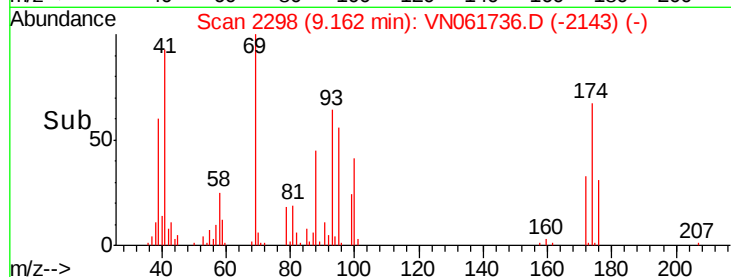
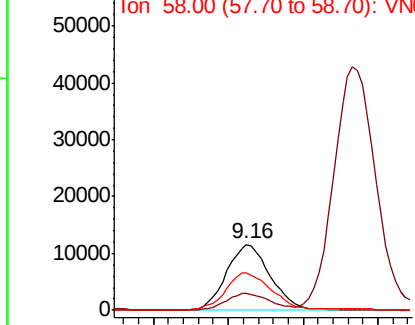
#45
 1,4-Dioxane
 Concen: 413.739 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion: 88 Resp: 23604
 Ion Ratio Lower Upper
 88 100
 43 25.8 21.8 32.8
 58 59.4 48.4 72.6

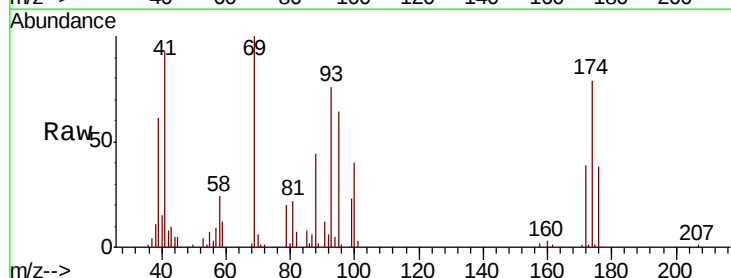


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

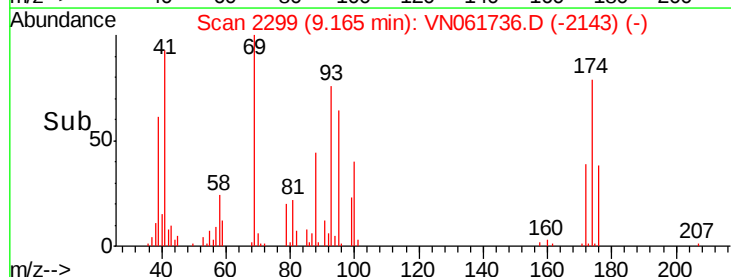
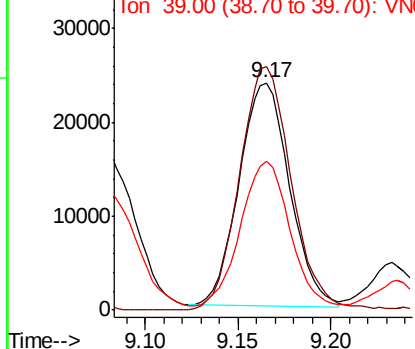


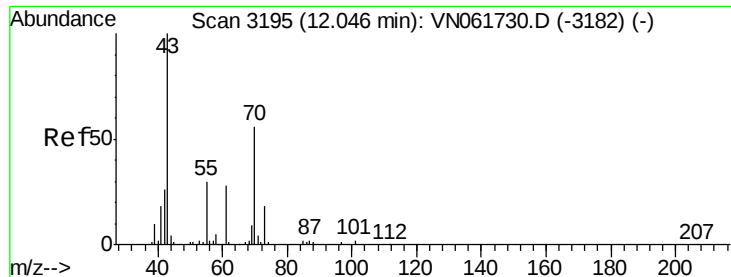
#46
 Methyl methacrylate
 Concen: 18.709 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion: 41 Resp: 45308
 Ion Ratio Lower Upper
 41 100
 69 109.6 53.8 161.4
 39 65.1 33.0 98.9



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





#47

n-amvl Acetate

Concen: 17.427 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

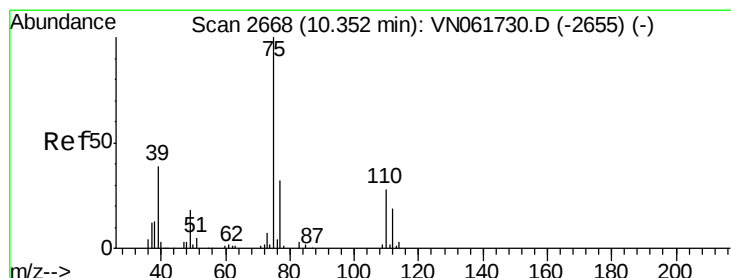
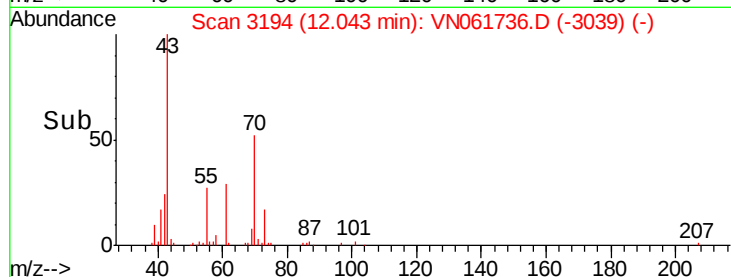
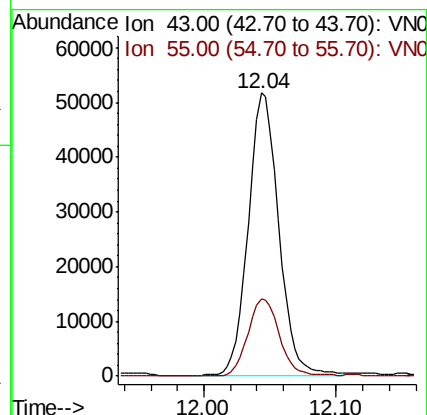
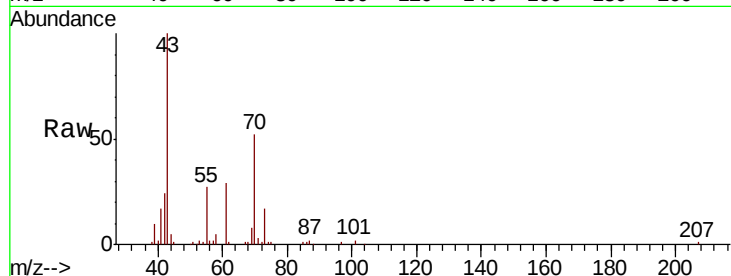
VN0610WBS01

Tot Ion: 43 Resp: 82431

Ion Ratio Lower Upper

43 100

55 28.3 22.7 34.1



#48

t-1,3-Dichloropropene

Concen: 18.623 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061736.D

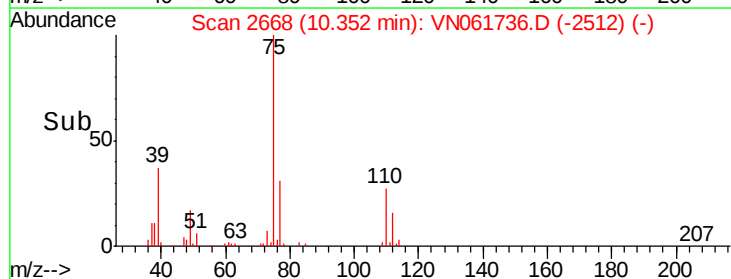
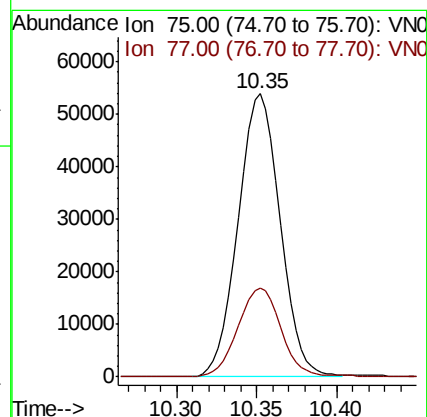
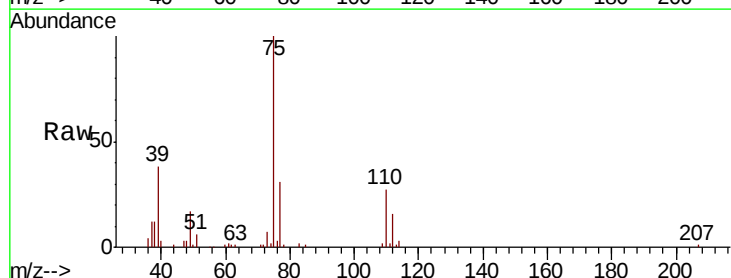
Acq: 10 Jun 2020 14:49

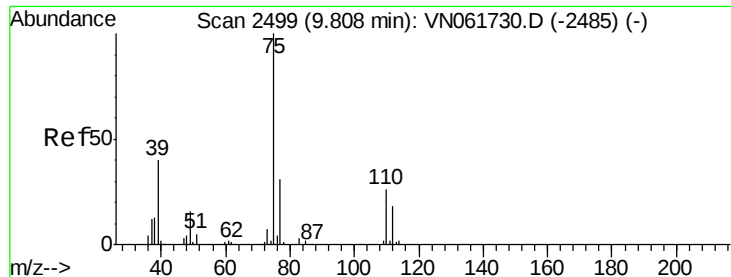
Tgt Ion: 75 Resp: 96773

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



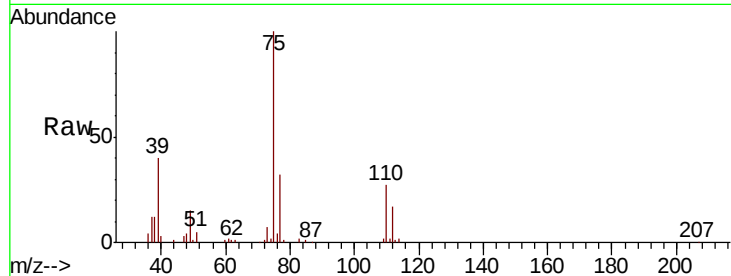


#49

cis-1,3-Dichloropropene
 Concen: 19.014 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	40.5	31.8	47.6

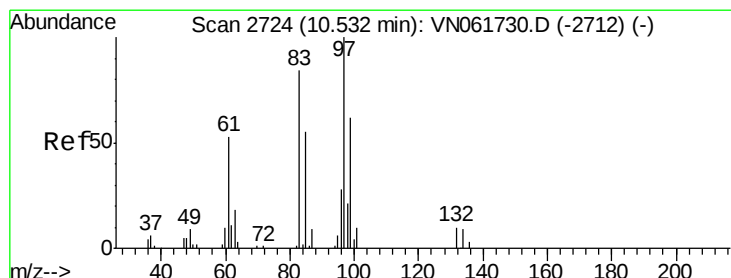
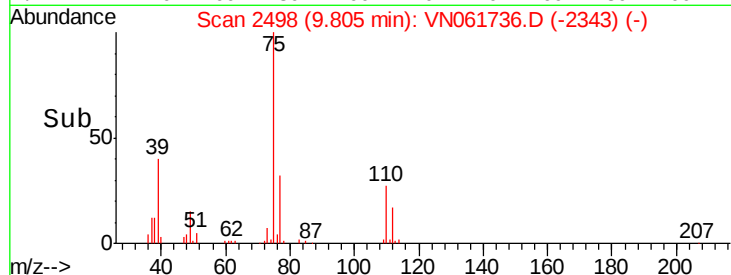
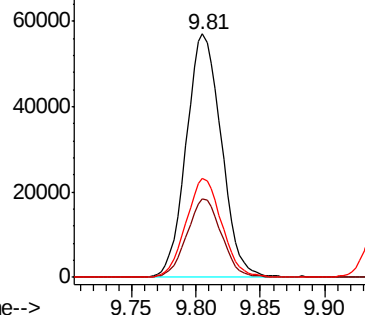


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

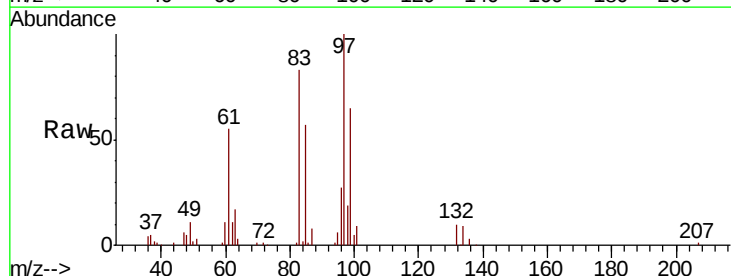
Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane
 Concen: 19.053 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.6	101.4
85	57.3	44.0	66.0
99	64.7	50.0	75.0



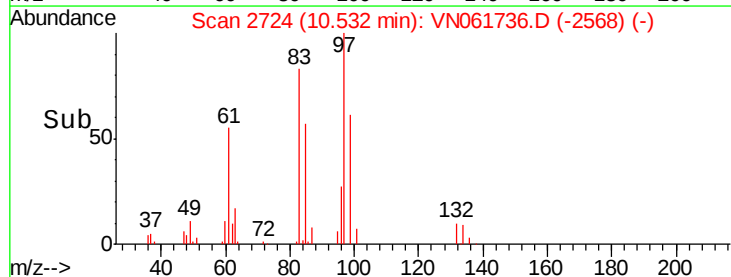
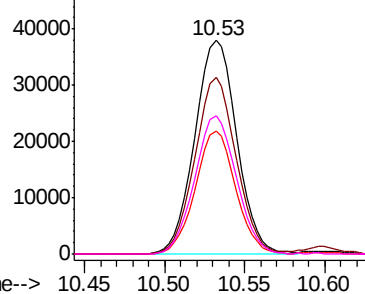
Abundance

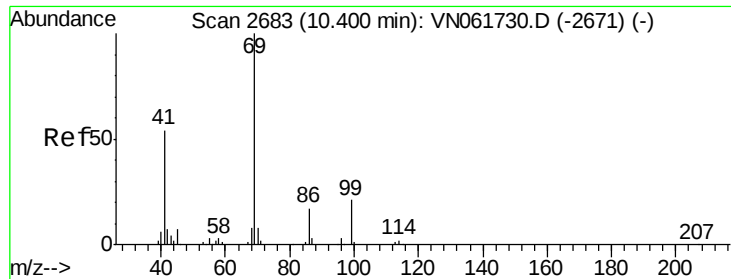
Ion 97.00 (96.70 to 97.70): VNO

Ion 82.95 (82.65 to 83.65): VNO

Ion 84.95 (84.65 to 85.65): VNO

Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 18.425 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

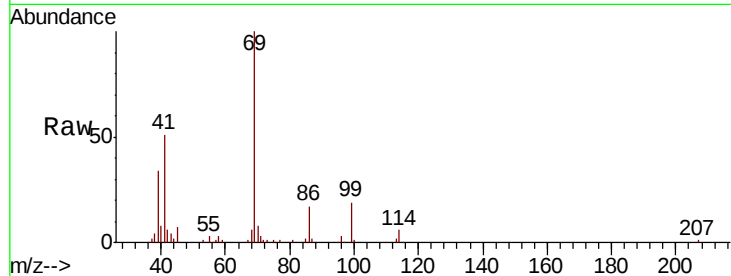
Tot Ion: 69 Resp: 85443

Ion Ratio Lower Upper

69 100

41 51.4 26.9 80.7

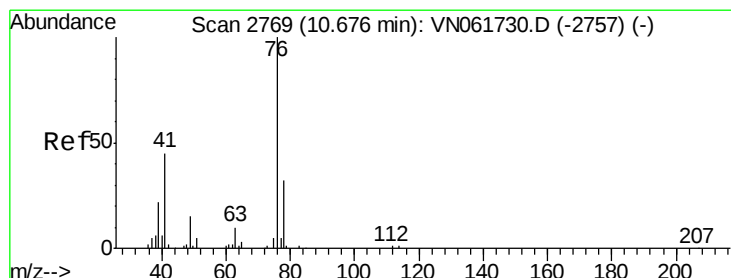
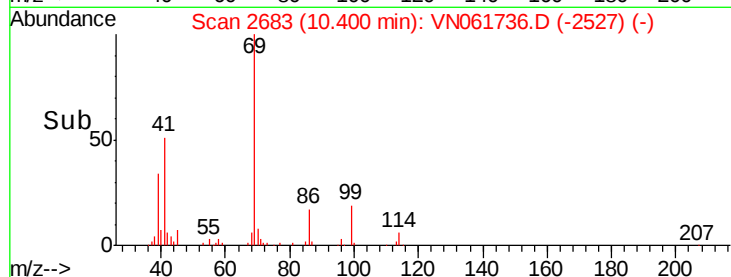
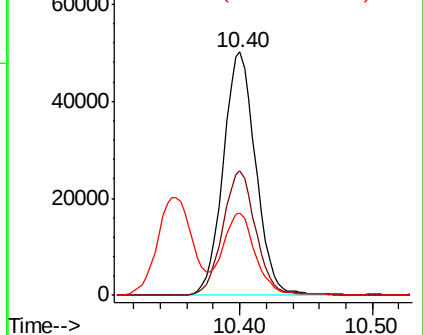
39 33.6 16.7 50.1



Abundance Ion 69.00 (68.70 to 69.70): VN061736.D (-2671) (-)

Ion 41.00 (40.70 to 41.70): VN061736.D (-2671) (-)

Ion 39.00 (38.70 to 39.70): VN061736.D (-2671) (-)



#52

1,3-Dichloropropane

Concen: 19.172 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VN061736.D

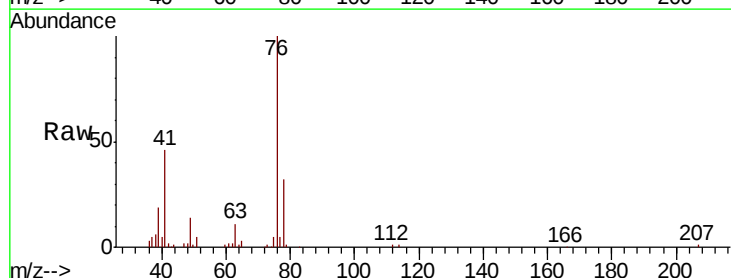
Acq: 10 Jun 2020 14:49

Tgt Ion: 76 Resp: 108987

Ion Ratio Lower Upper

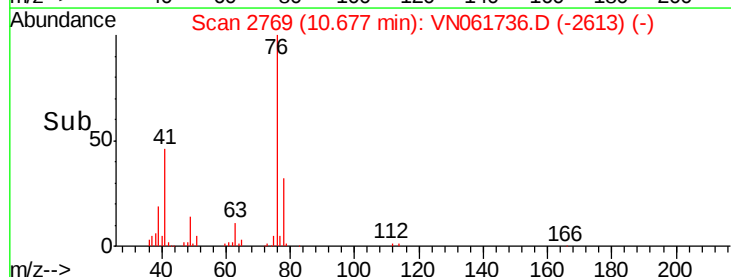
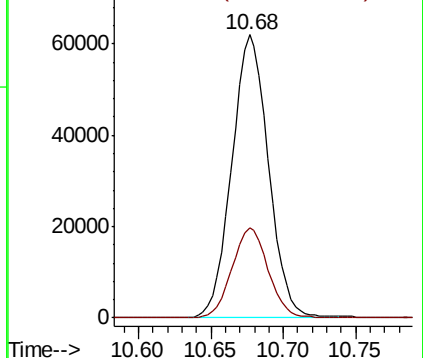
76 100

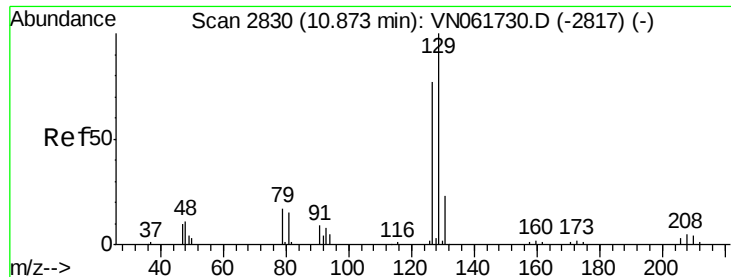
78 31.3 0.0 65.8



Abundance Ion 76.00 (75.70 to 76.70): VN061736.D (-2613) (-)

Ion 78.00 (77.70 to 78.70): VN061736.D (-2613) (-)

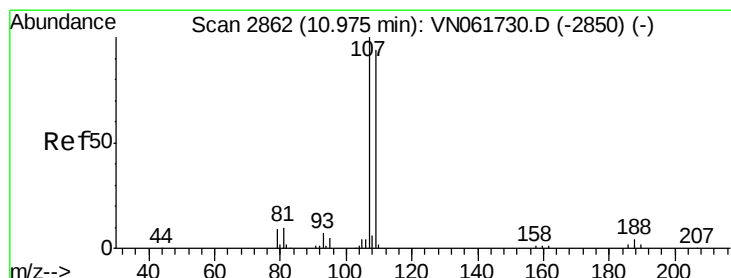
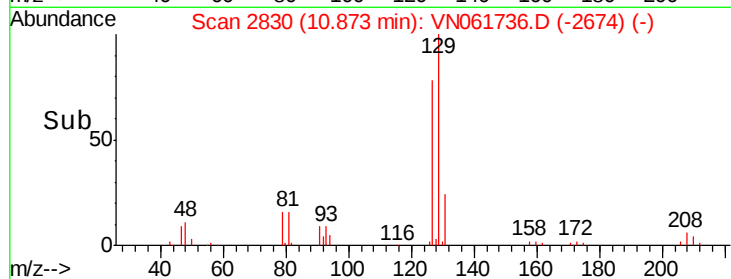
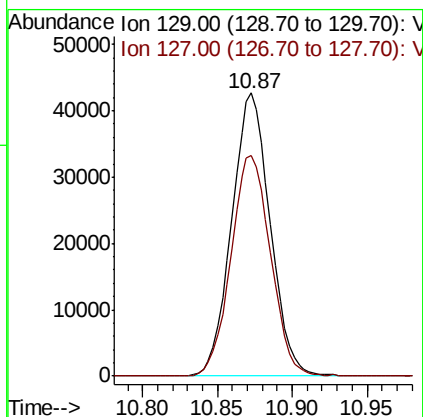
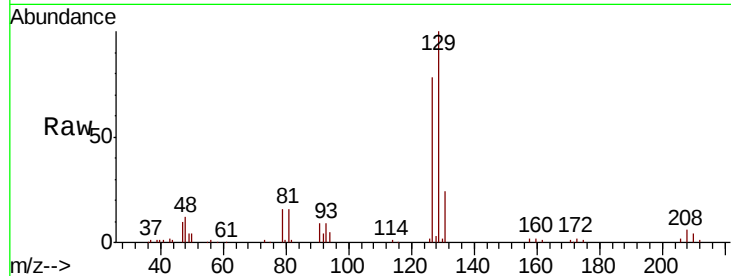




#53
 Dibromochloromethane
 Concen: 18.137 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

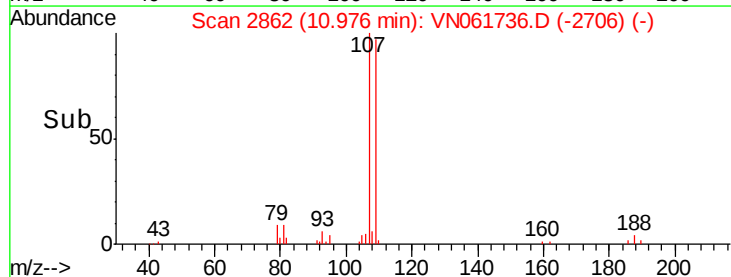
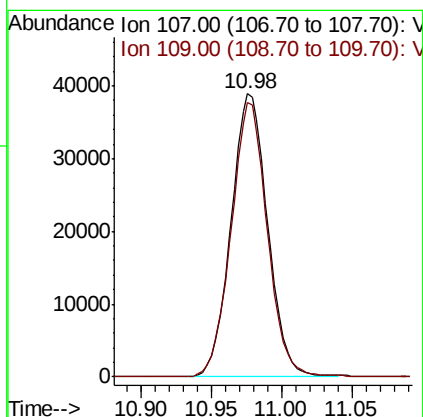
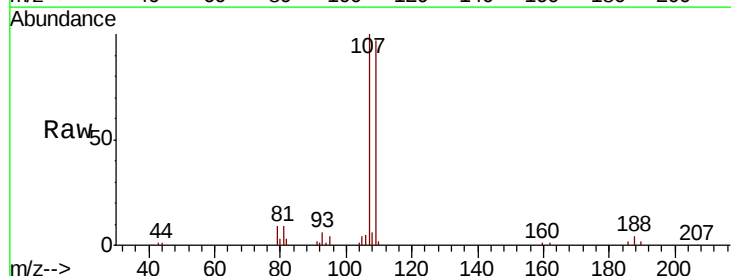
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

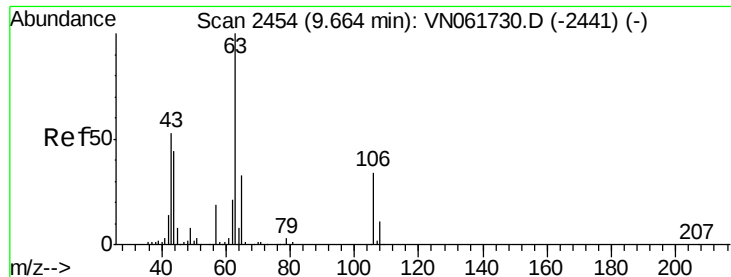
Tot Ion:129 Resp: 76282
 Ion Ratio Lower Upper
 129 100
 127 80.1 38.6 116.0



#54
 1,2-Dibromoethane
 Concen: 18.909 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion:107 Resp: 70707
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.6 114.8

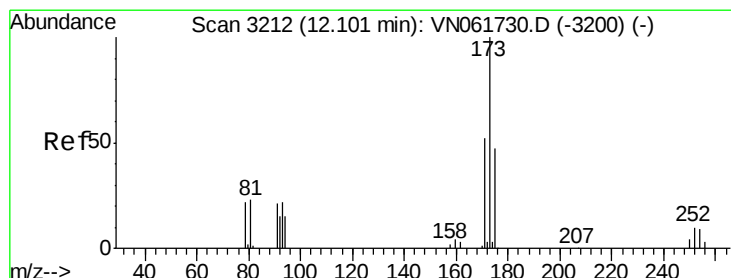
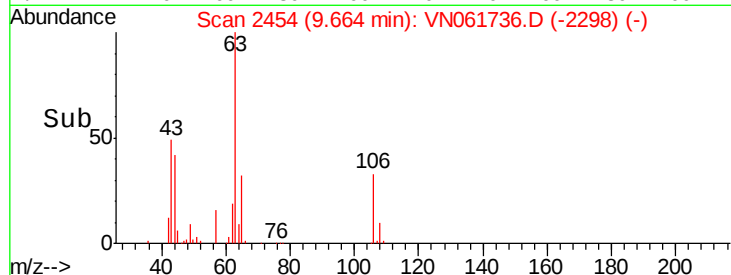
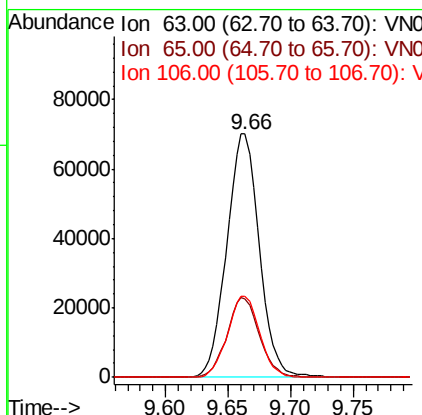
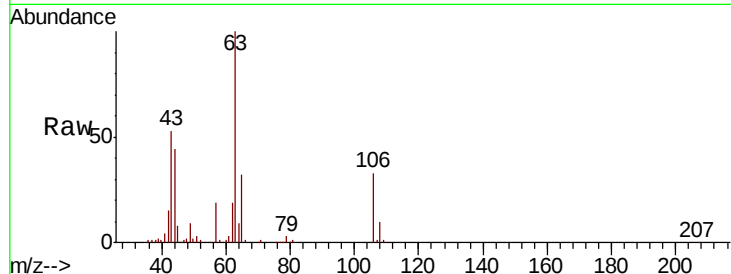




#55
2-Chloroethyl vinyl ether
Concen: 71.719 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

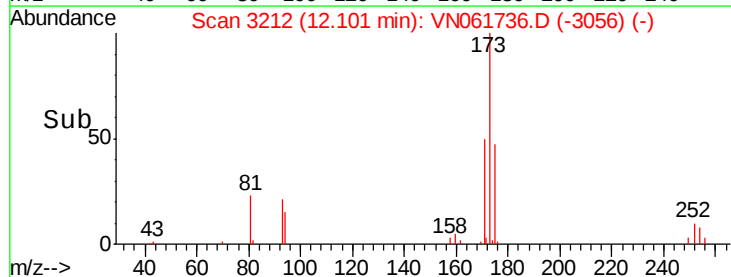
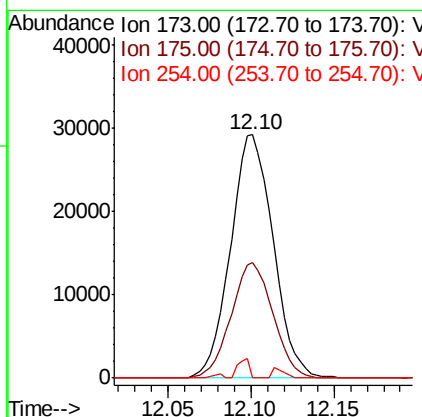
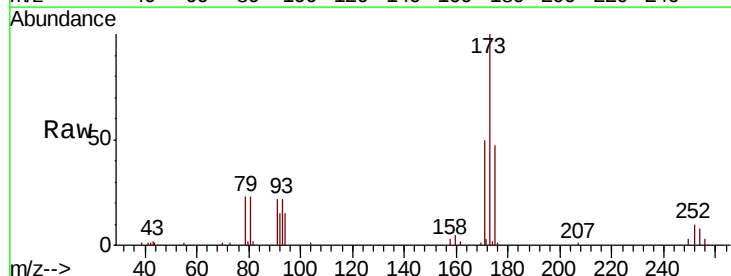
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

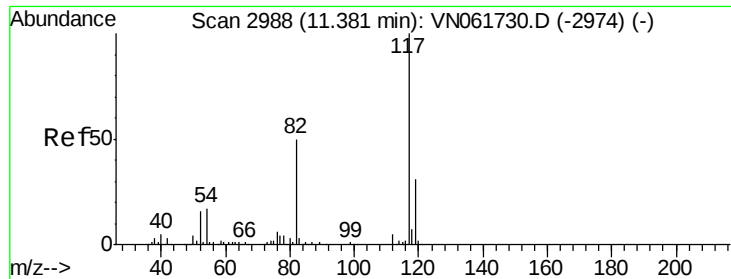
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.8	38.8
106	32.9	26.5	39.7



#56
Bromoform
Concen: 17.820 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.5	37.5	56.3
254	2.2	6.9	10.3

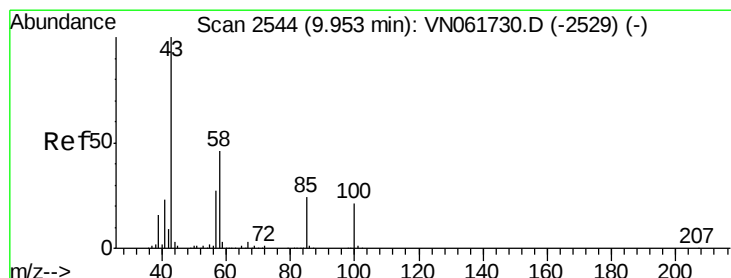
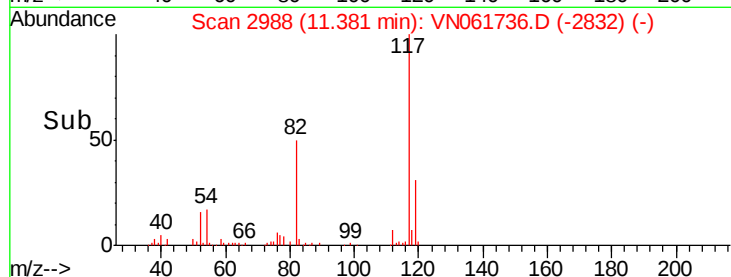
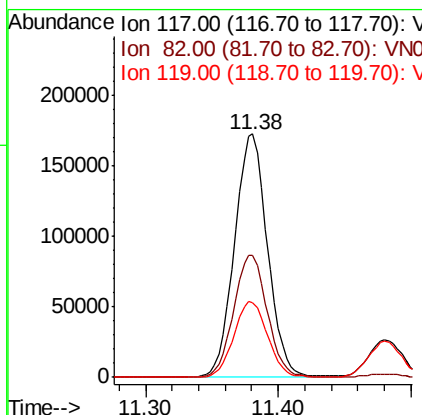
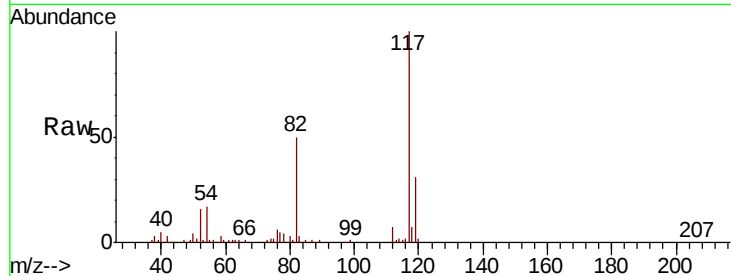




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

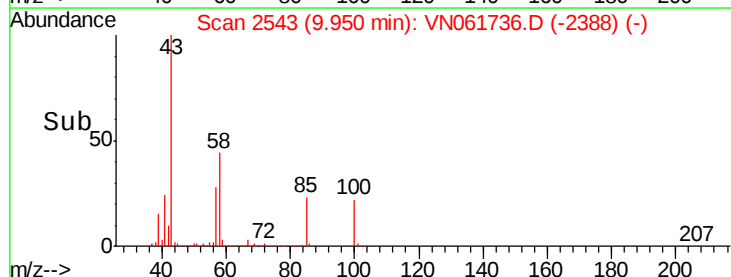
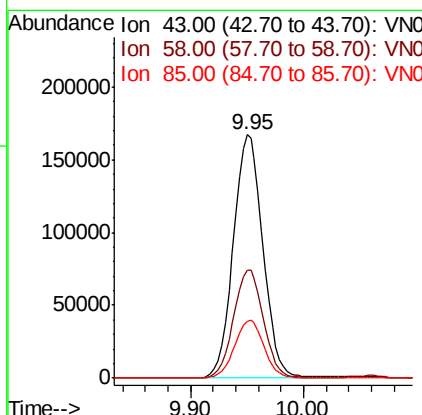
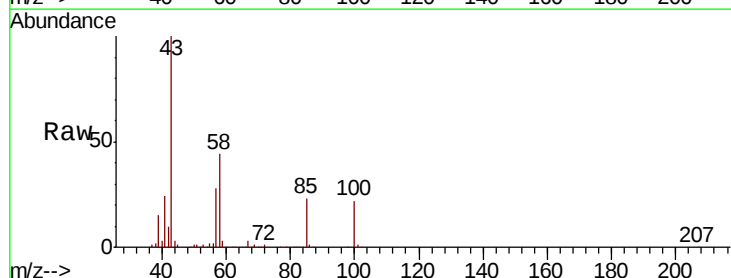
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

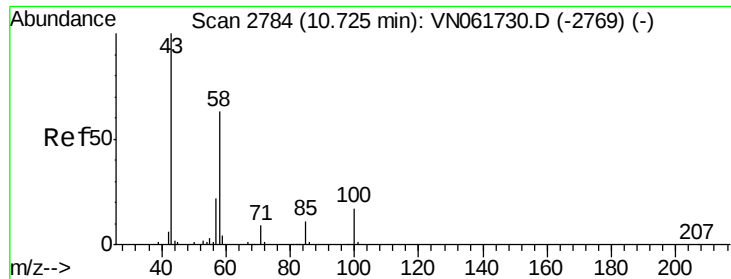
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.6	60.8
119	31.9	25.4	38.2



#58
4-Methyl-2-Pentanone
Concen: 98.514 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.7	36.6	54.8
85	23.7	19.0	28.6

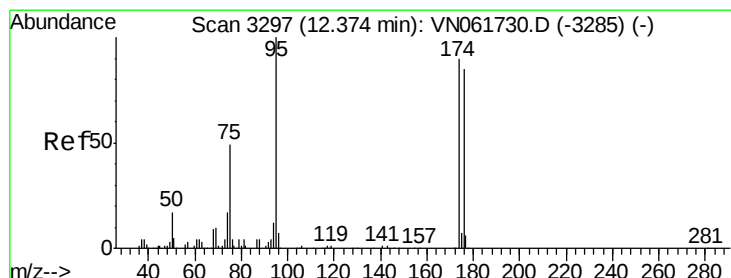
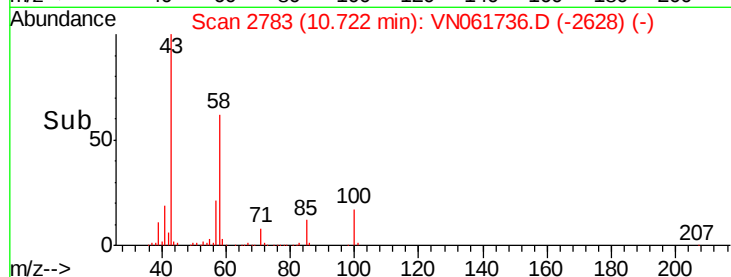
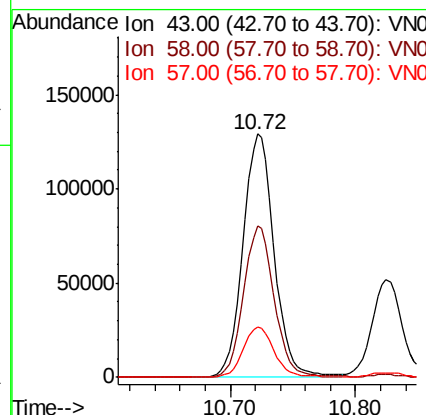
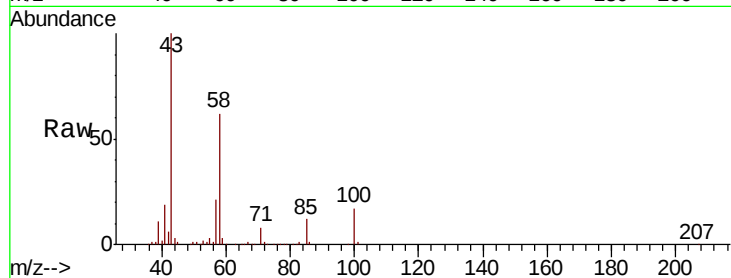




#59
2-Hexanone
Concen: 99.371 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

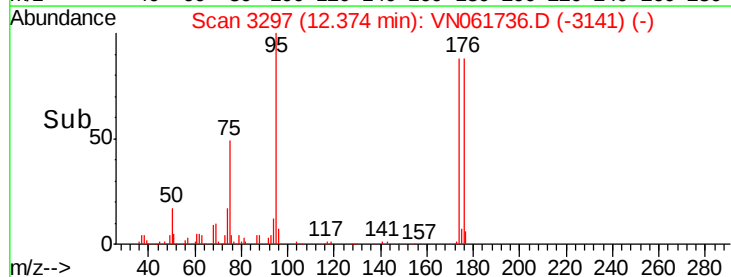
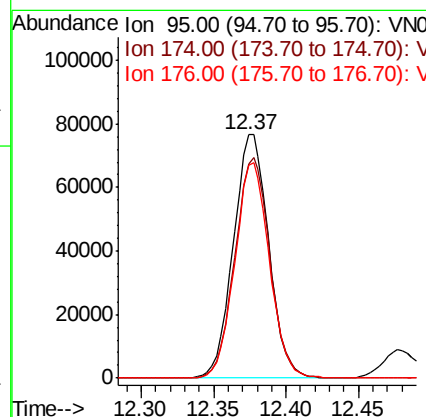
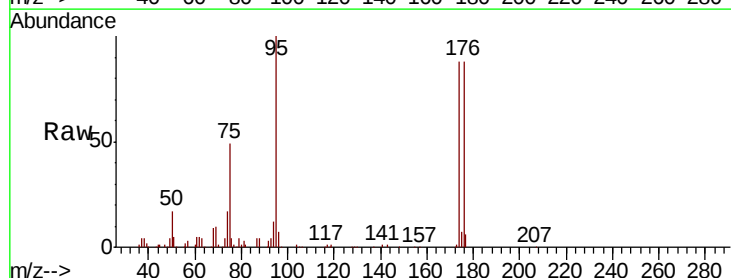
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

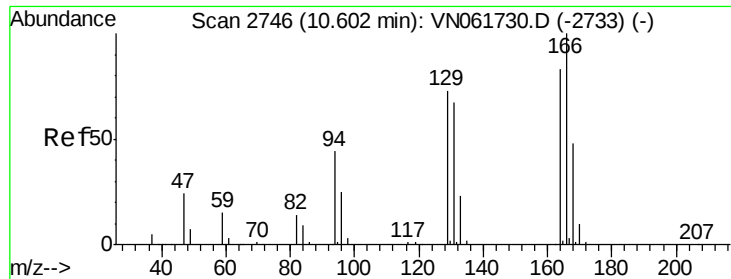
Tot Ion	43	Resp	223167
Ion Ratio	Lower	Upper	
43	100		
58	61.7	50.4	75.6
57	20.4	17.2	25.8



#60
4-Bromofluorobenzene
Concen: 29.349 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	95	Resp	129509
Ion Ratio	Lower	Upper	
95	100		
174	89.9	72.8	109.2
176	86.8	69.2	103.8

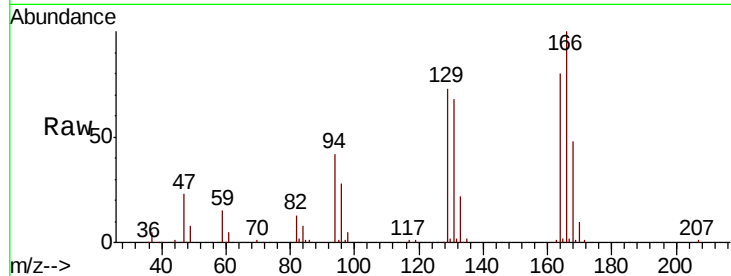




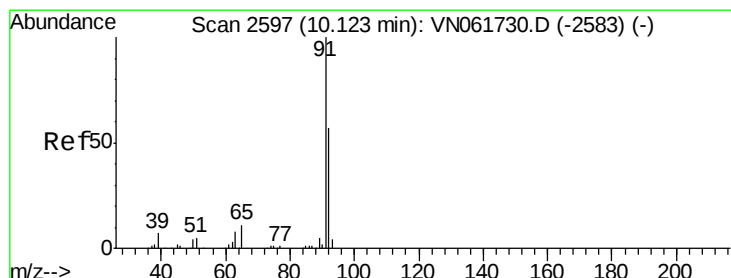
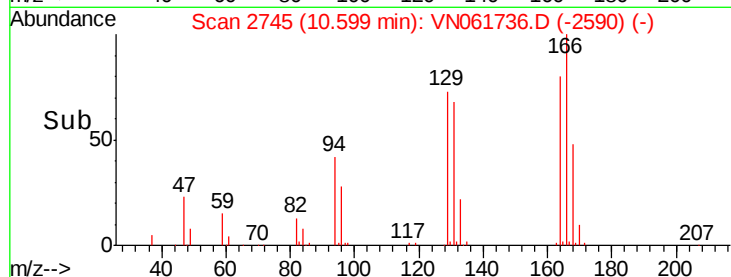
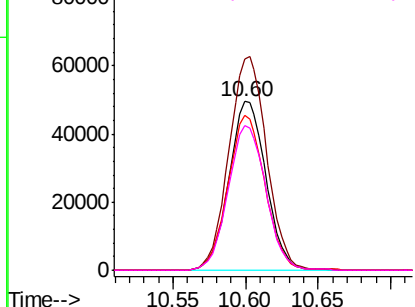
#61
Tetrachloroethene
Concen: 19.172 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion:164 Resp: 87671
Ion Ratio Lower Upper
164 100
166 125.1 96.6 144.8
129 91.7 70.1 105.1
131 85.5 64.6 96.8

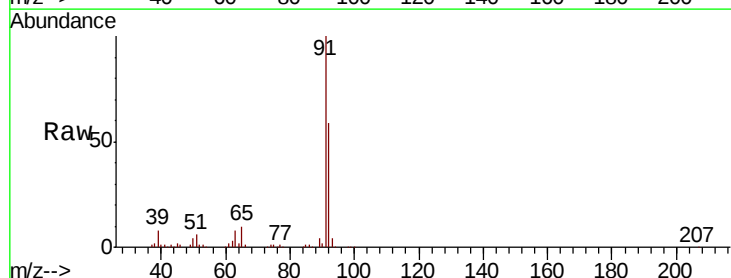


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

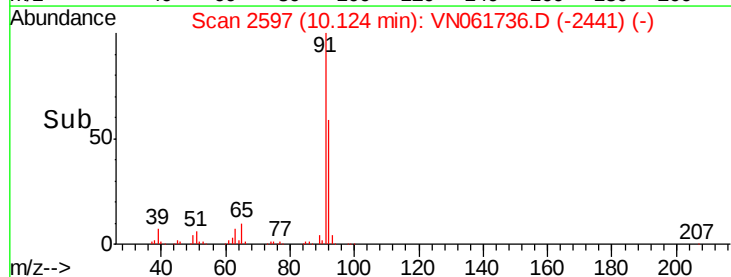
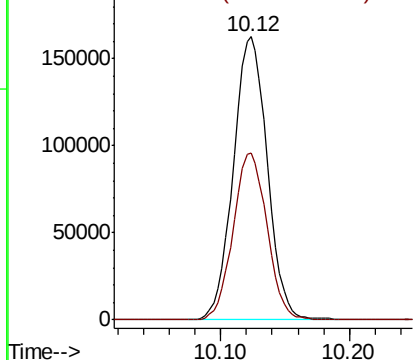


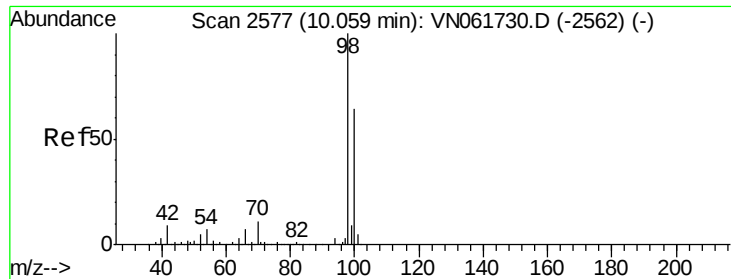
#62
Toluene
Concen: 19.773 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 91 Resp: 297288
Ion Ratio Lower Upper
91 100
92 58.9 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.378 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

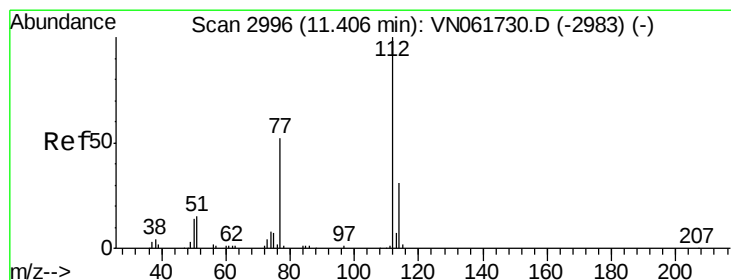
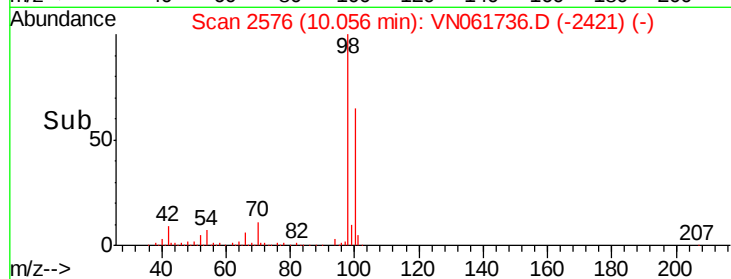
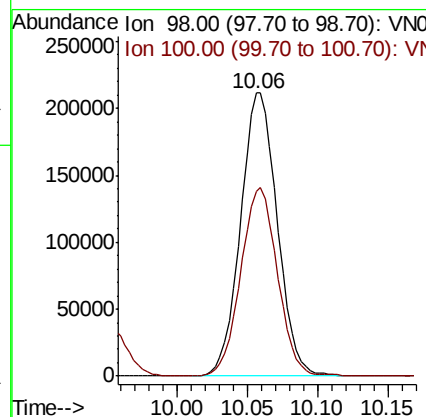
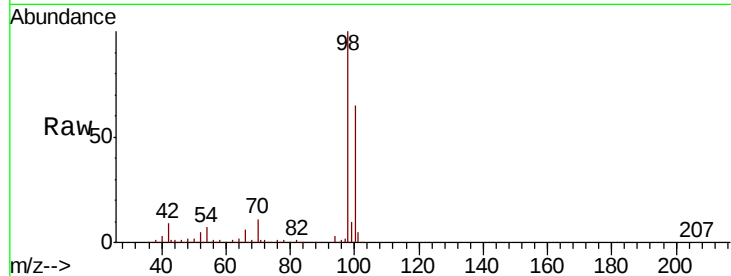
VN0610WBS01

Tot Ion: 98 Resp: 386411

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.4



#64

Chlorobenzene

Concen: 19.452 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061736.D

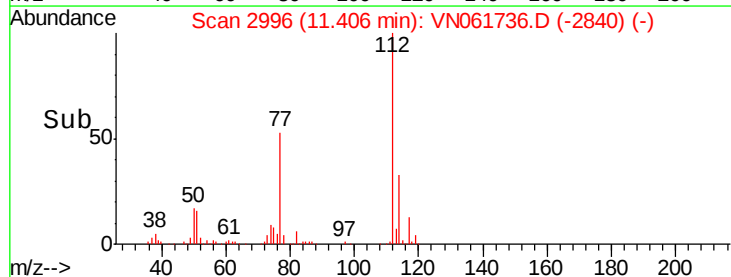
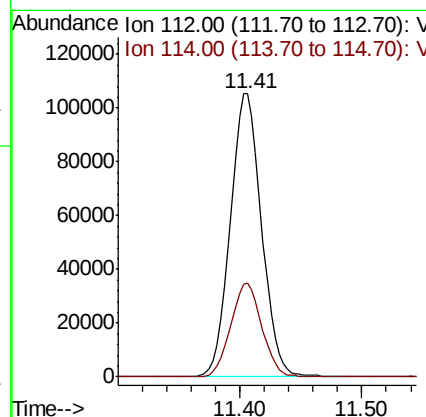
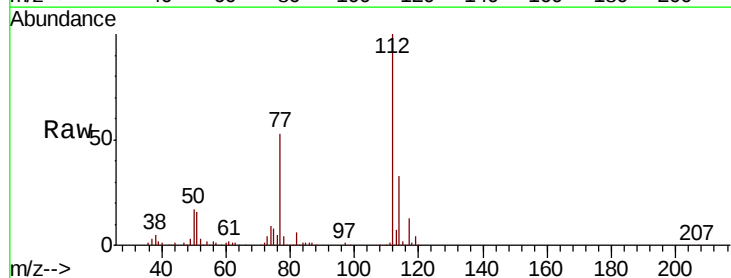
Acq: 10 Jun 2020 14:49

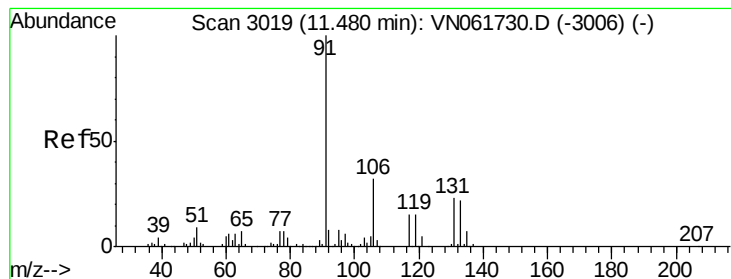
Tgt Ion: 112 Resp: 188193

Ion Ratio Lower Upper

112 100

114 33.2 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.552 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VN0610WBS01

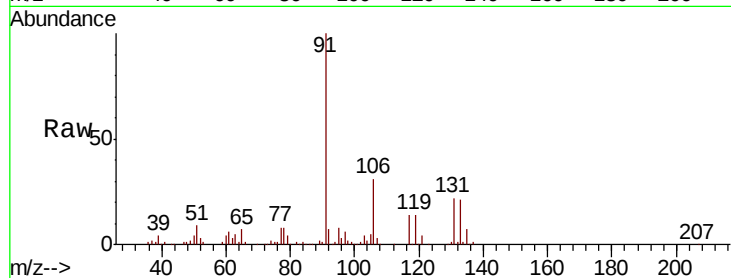
Tot Ion:131 Resp: 72102

Ion Ratio Lower Upper

131 100

133 96.2 0.0 189.4

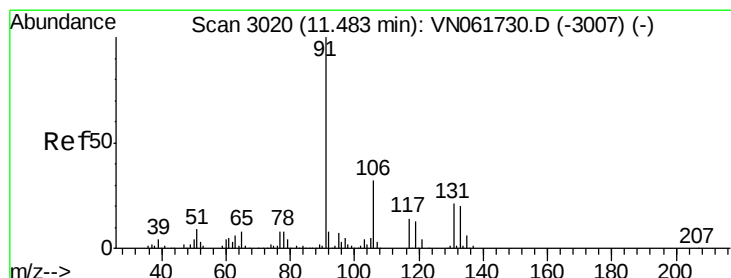
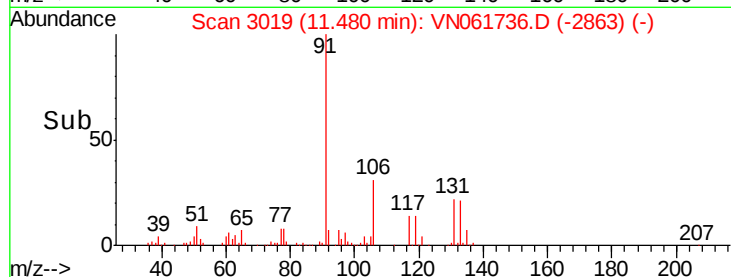
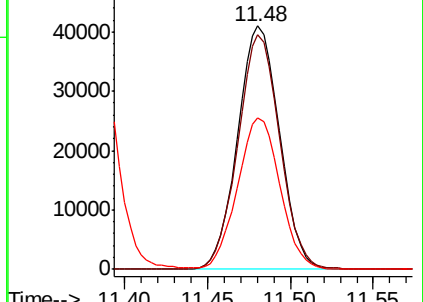
119 63.1 0.0 130.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.790 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061736.D

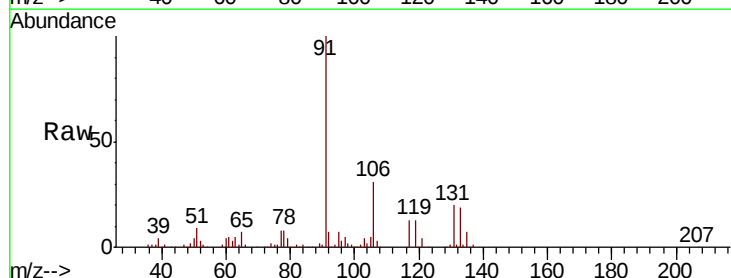
Acq: 10 Jun 2020 14:49

Tgt Ion: 91 Resp: 325709

Ion Ratio Lower Upper

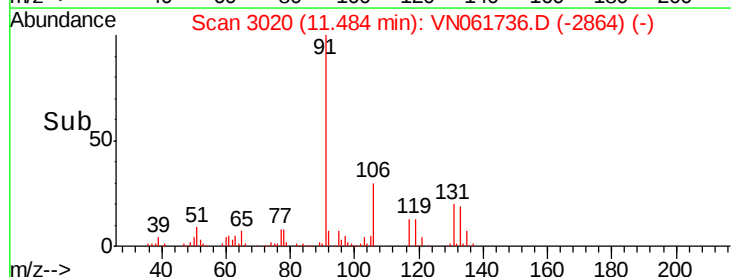
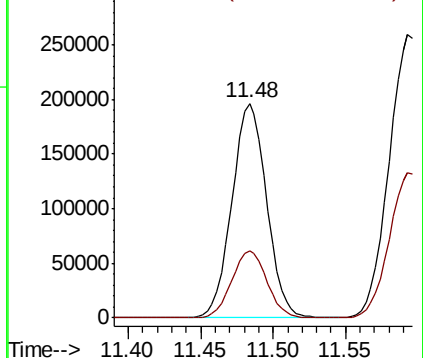
91 100

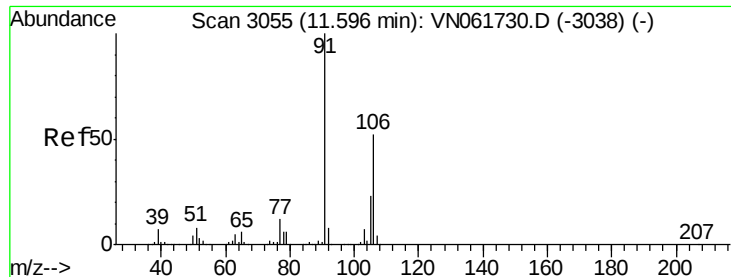
106 31.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.964 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

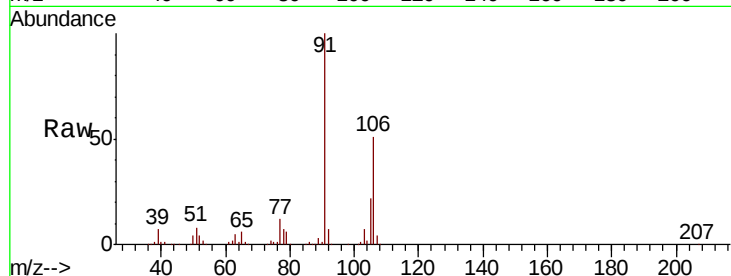
VN0610WBS01

Tot Ion:106 Resp: 255094

Ion Ratio Lower Upper

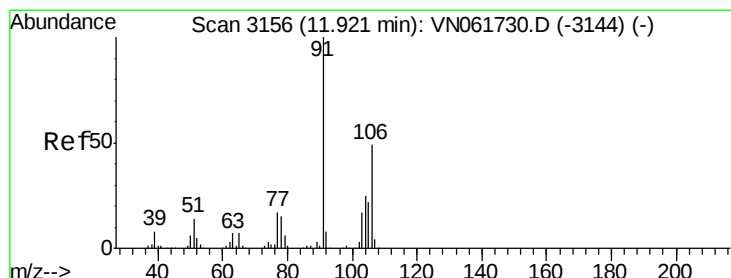
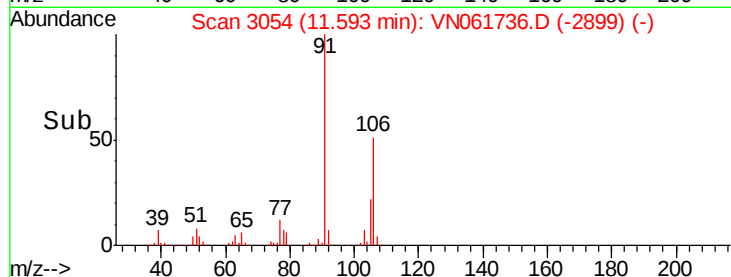
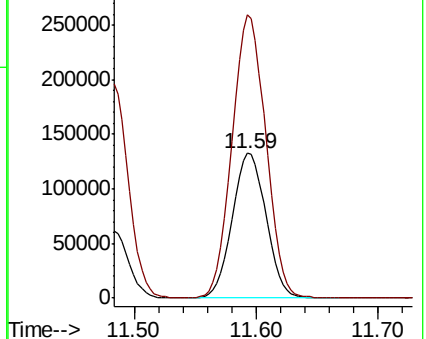
106 100

91 195.2 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 19.450 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061736.D

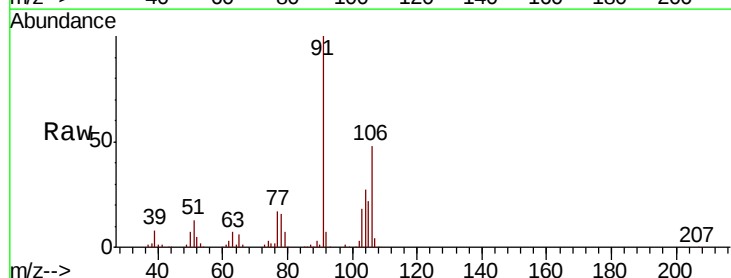
Acq: 10 Jun 2020 14:49

Tgt Ion:106 Resp: 120274

Ion Ratio Lower Upper

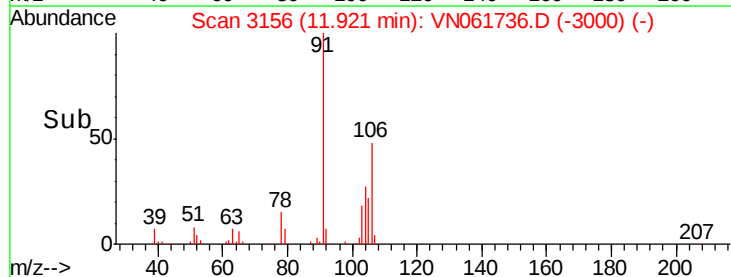
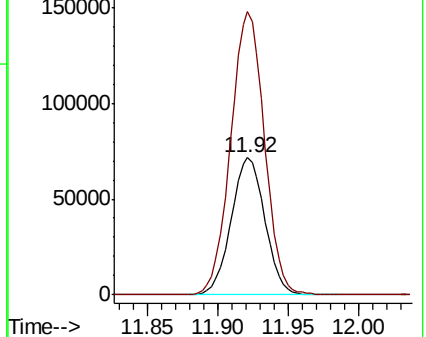
106 100

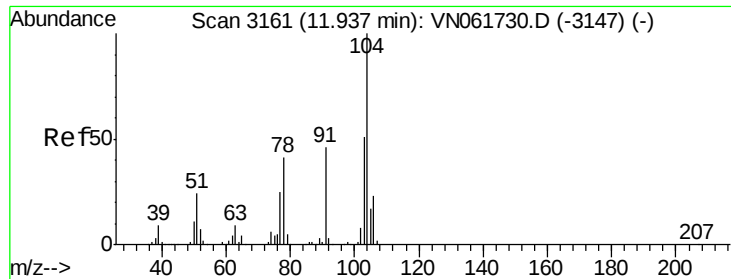
91 205.8 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

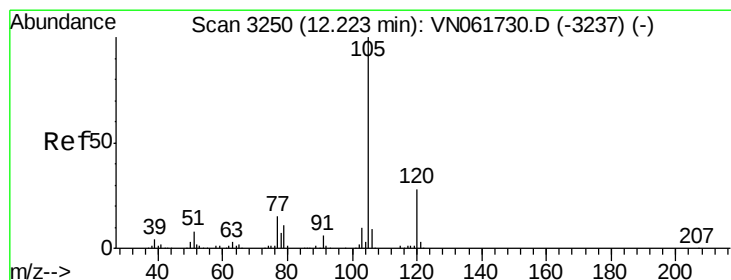
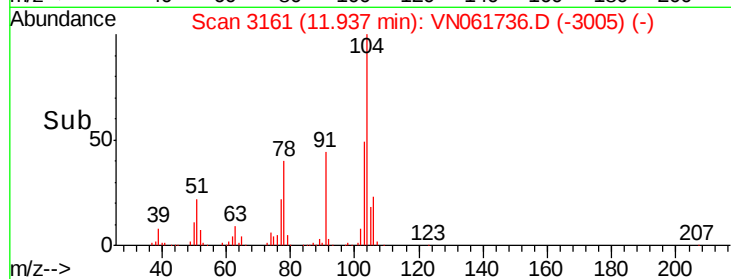
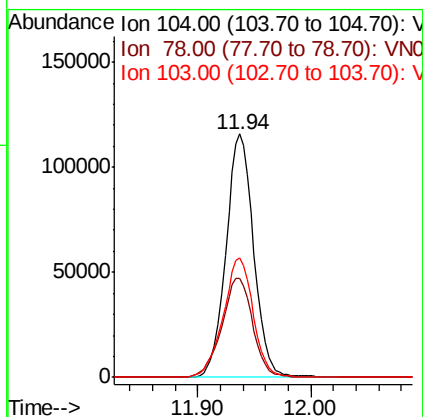
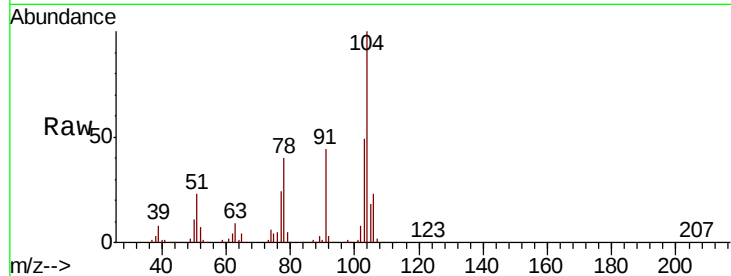




#69
Stvrene
Concen: 18.768 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

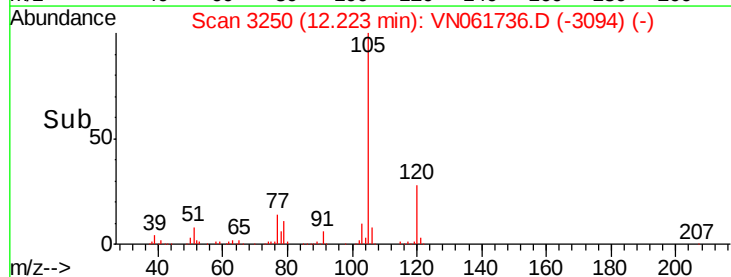
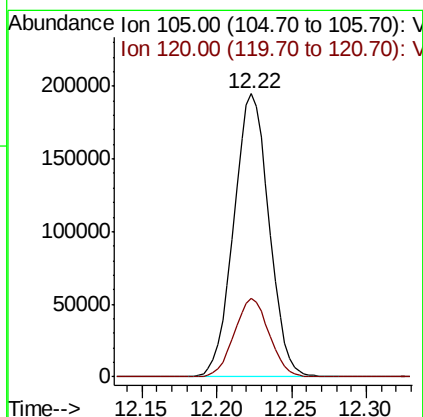
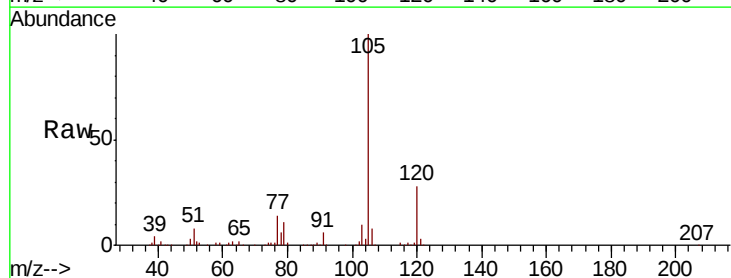
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

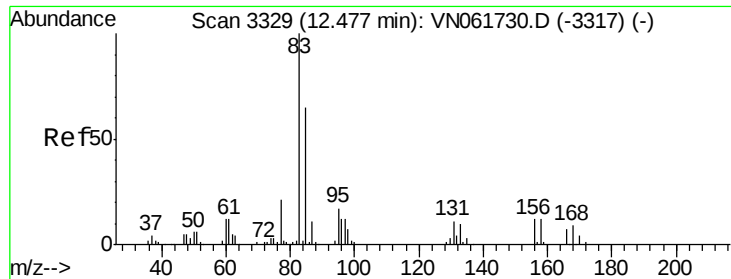
Tot Ion	Ratio	Lower	Upper
104	100		
78	45.7	36.5	54.7
103	53.0	43.4	65.2



#70
Isopropylbenzene
Concen: 19.574 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	19.3	35.8

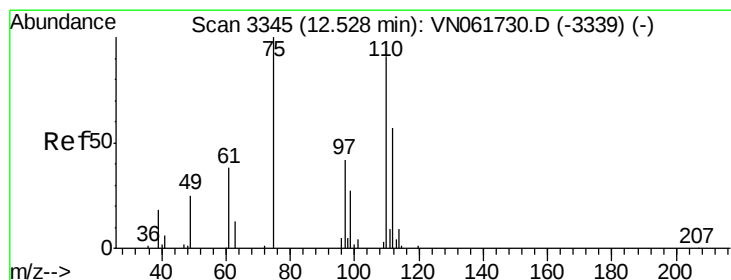
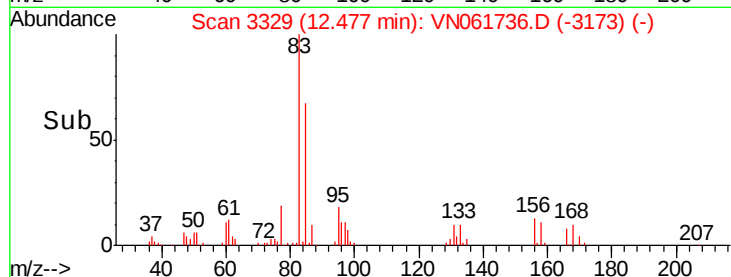
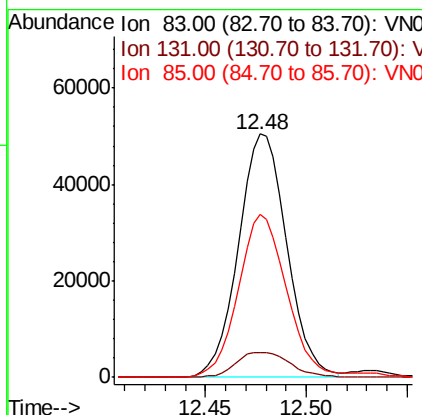
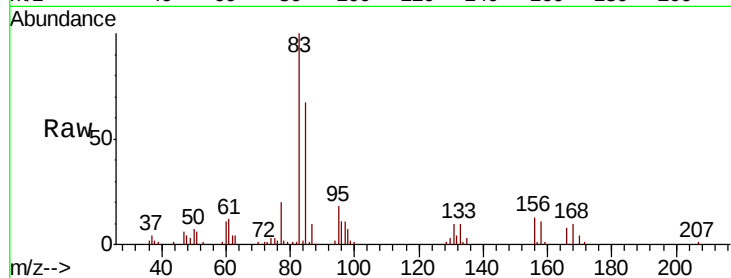




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.505 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

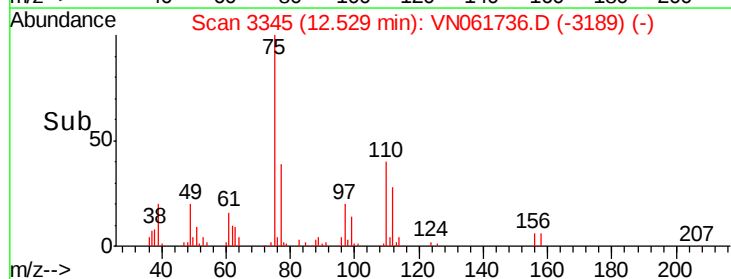
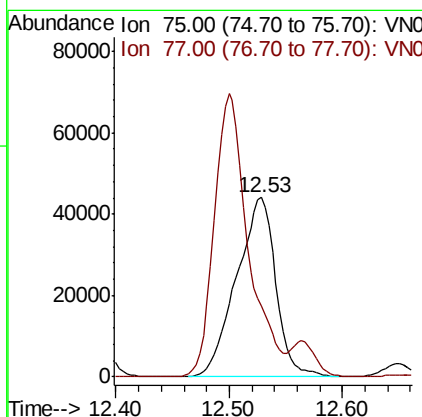
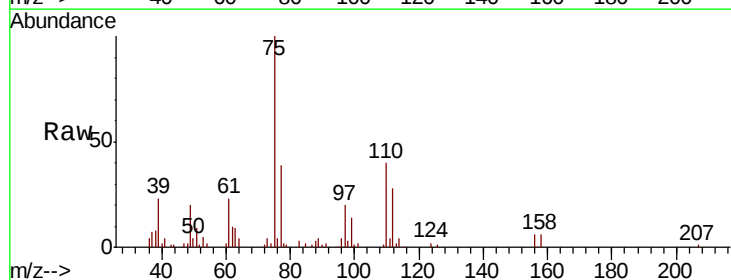
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

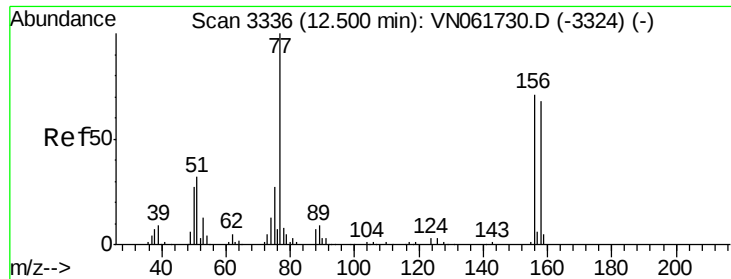
Tot Ion: 83 Resp: 84622
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.7 17.0
 85 66.7 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 26.058 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion: 75 Resp: 106576
 Ion Ratio Lower Upper
 75 100
 77 135.8 0.0 371.8





#73

Bromobenzene

Concen: 18.668 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

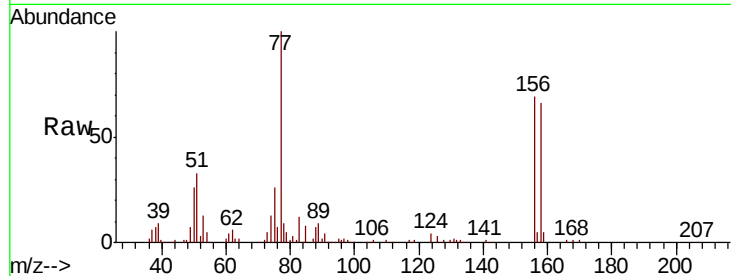
Tot Ion:156 Resp: 82370

Ion Ratio Lower Upper

156 100

77 175.7 0.0 350.0

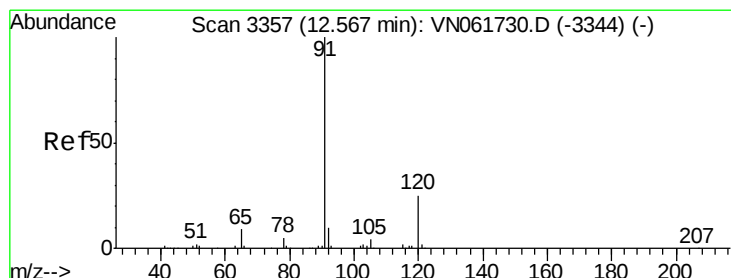
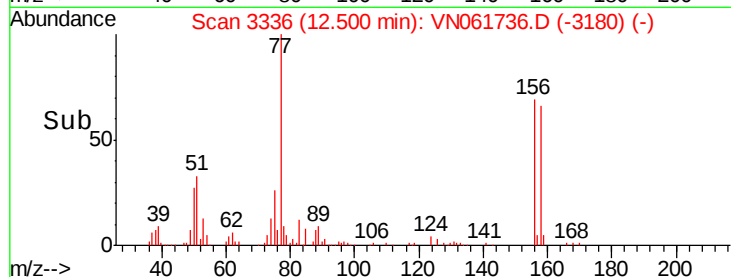
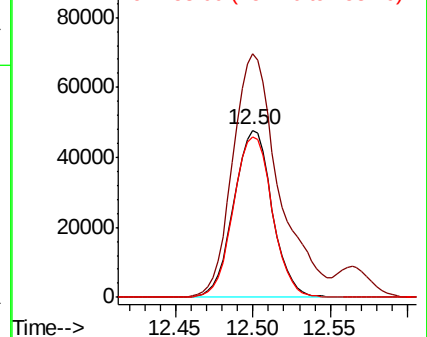
158 97.2 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.170 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061736.D

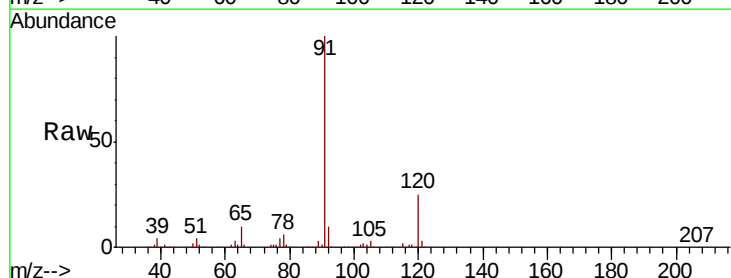
Acq: 10 Jun 2020 14:49

Tgt Ion: 91 Resp: 353908

Ion Ratio Lower Upper

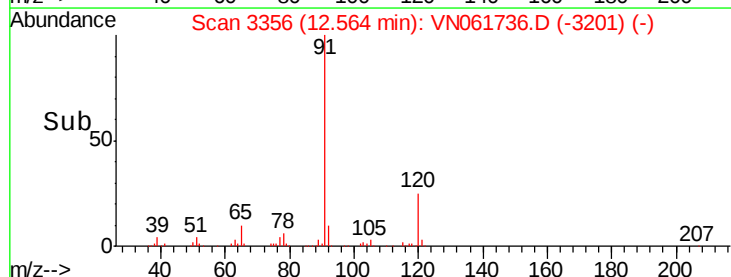
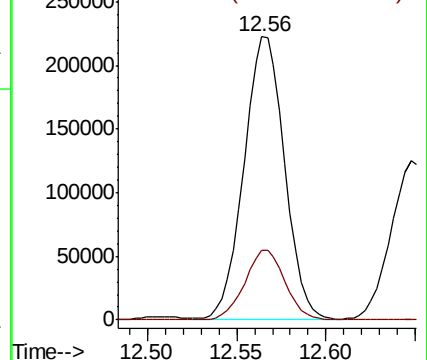
91 100

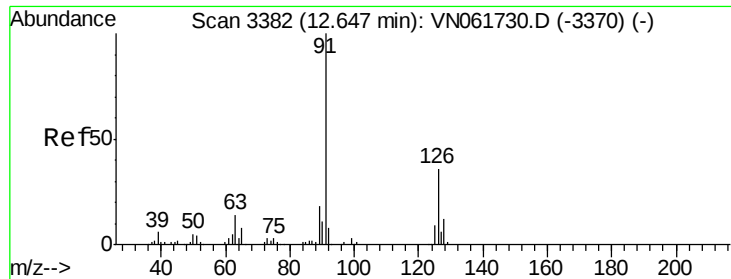
120 24.3 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.172 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

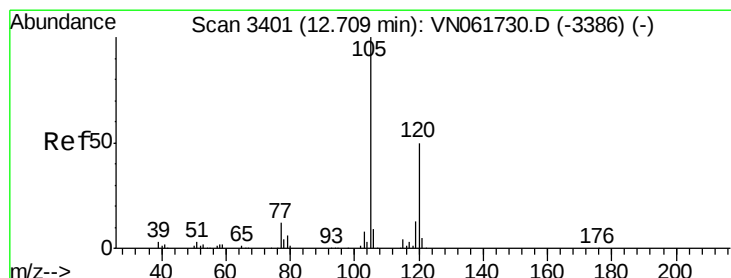
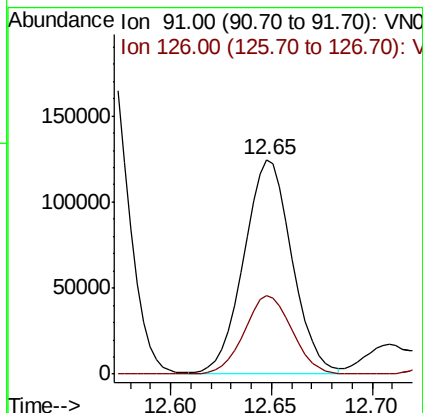
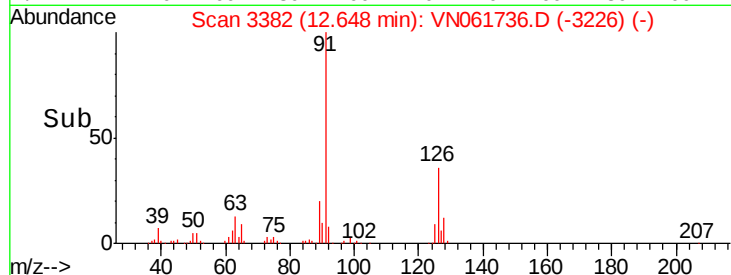
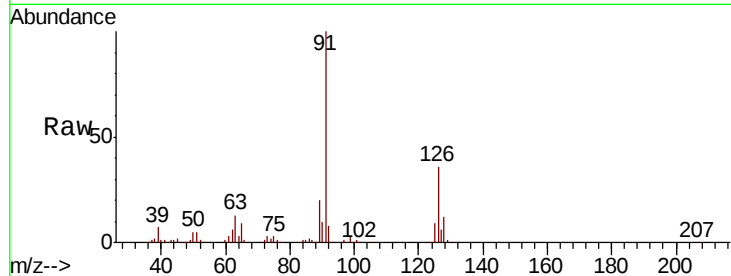
VN0610WBS01

Tot Ion: 91 Resp: 208607

Ion Ratio Lower Upper

91 100

126 36.3 0.0 72.0



#76

1,3,5-Trimethylbenzene

Concen: 19.254 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061736.D

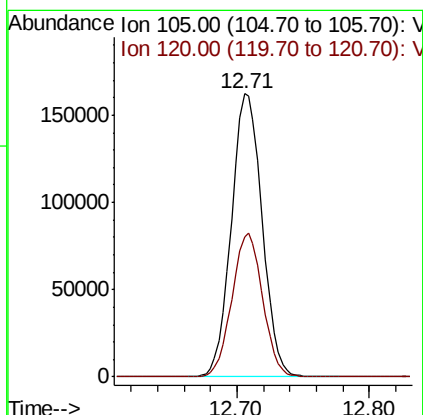
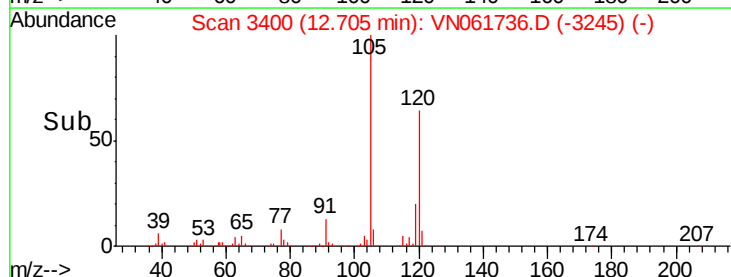
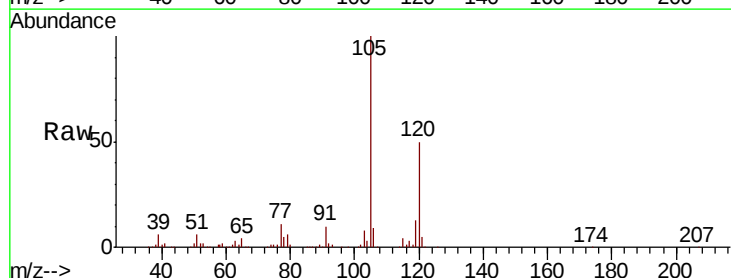
Acq: 10 Jun 2020 14:49

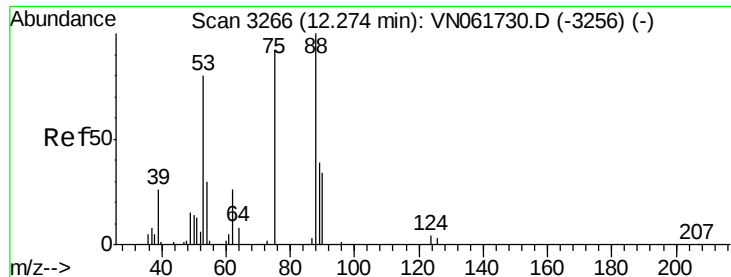
Tgt Ion:105 Resp: 262160

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.6





#77

t-1,4-Dichloro-2-butene

Concen: 17.768 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

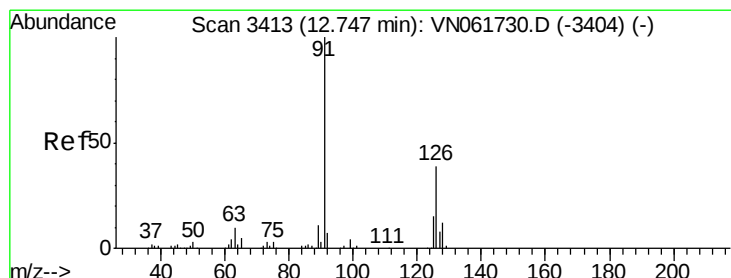
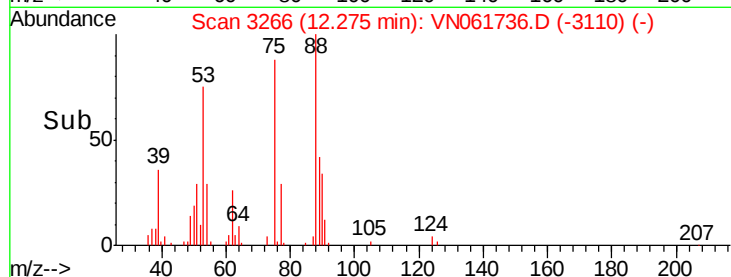
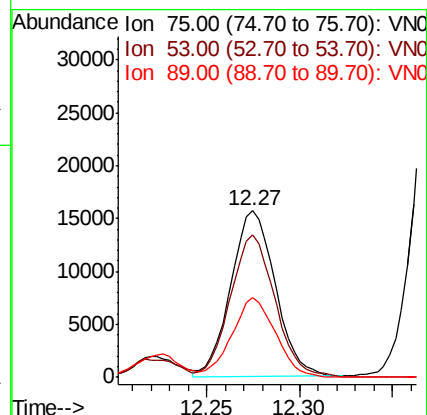
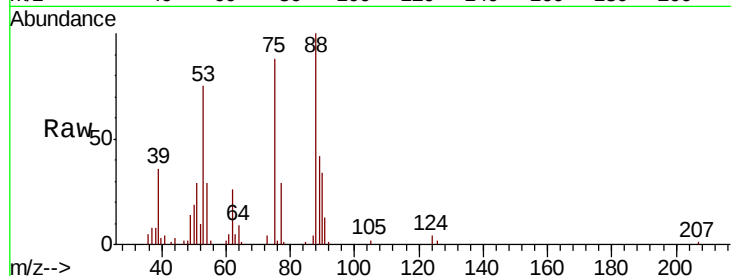
Tot Ion: 75 Resp: 26215

Ion Ratio Lower Upper

75 100

53 86.2 43.8 131.4

89 48.7 23.1 69.2



#78

4-Chlorotoluene

Concen: 19.137 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061736.D

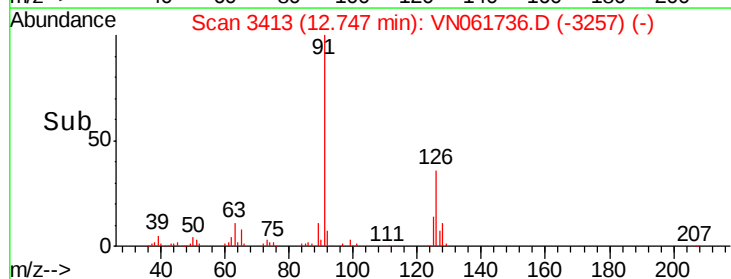
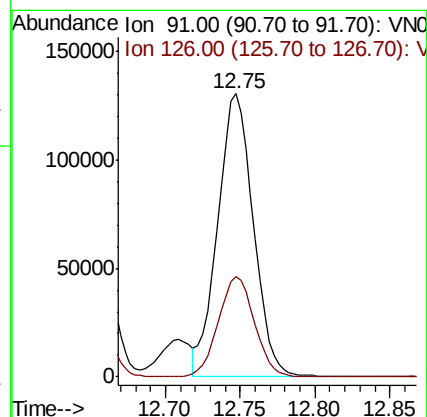
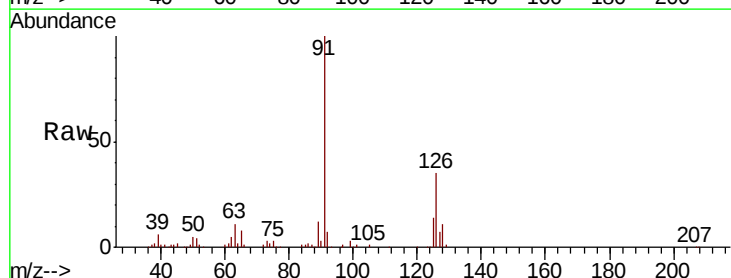
Acq: 10 Jun 2020 14:49

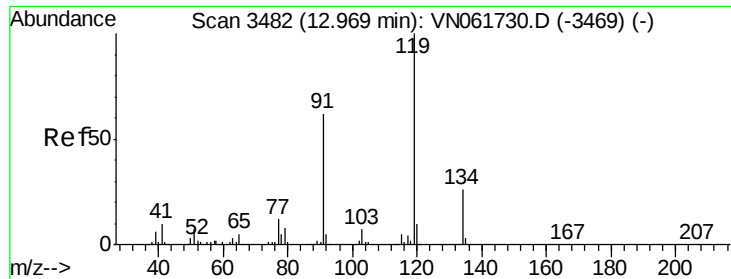
Tgt Ion: 91 Resp: 216964

Ion Ratio Lower Upper

91 100

126 35.3 0.0 70.4

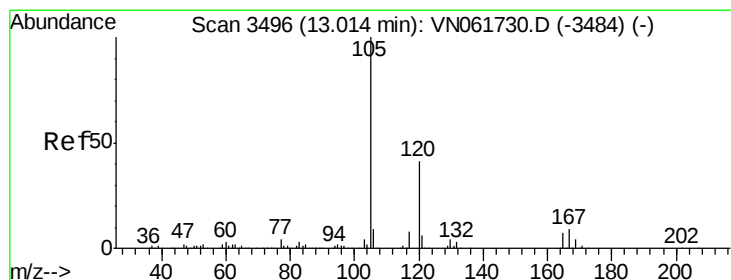
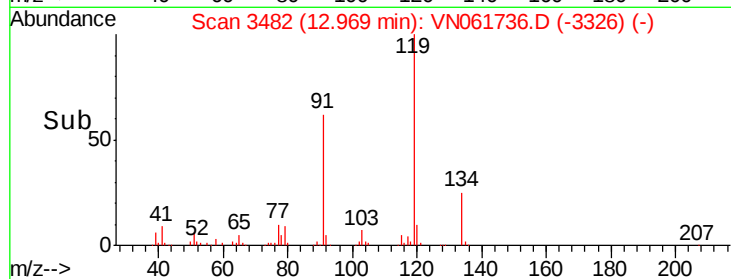
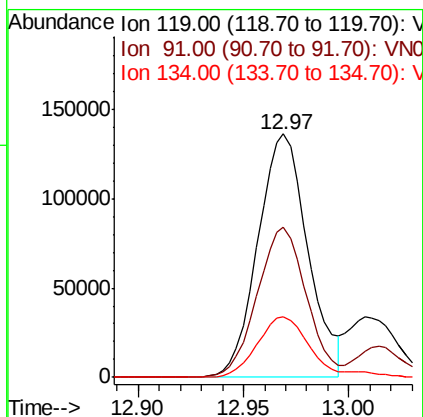
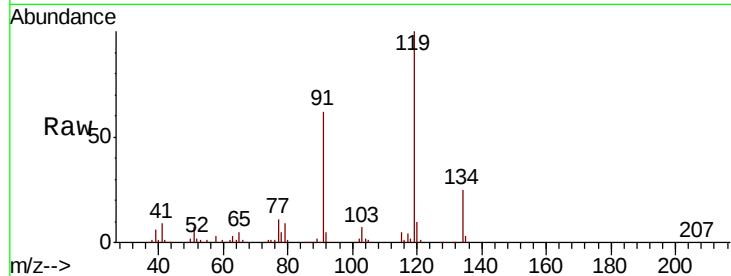




#79
tert-butylbenzene
Concen: 19.100 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

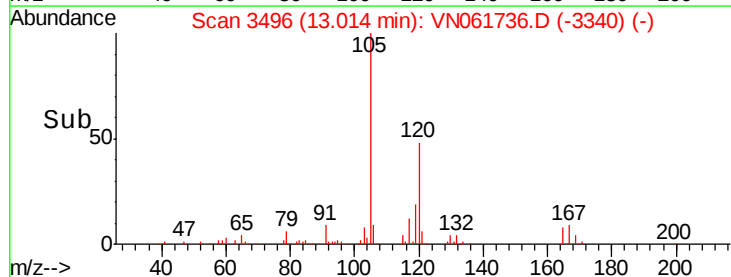
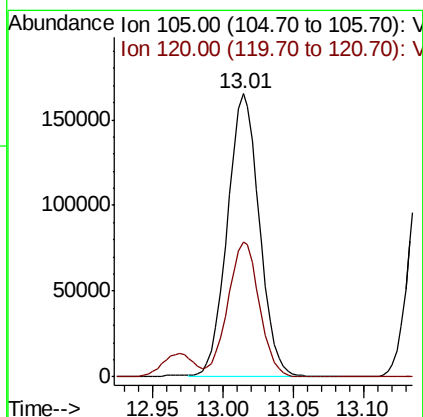
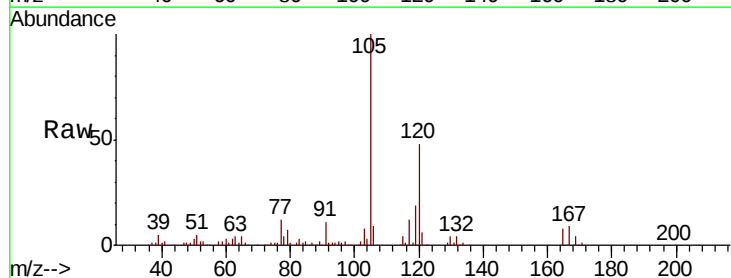
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

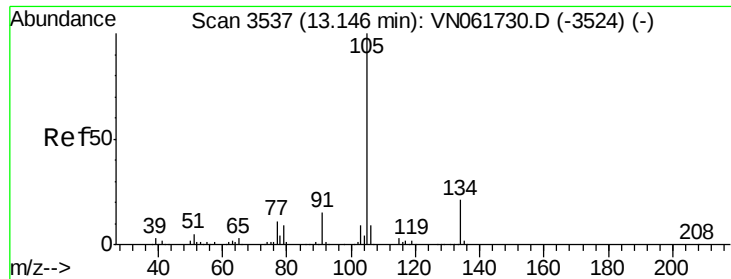
Tot Ion:119 Resp: 224895
Ion Ratio Lower Upper
119 100
91 60.4 0.0 124.6
134 25.3 0.0 51.4



#80
1,2,4-Trimethylbenzene
Concen: 19.183 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion:105 Resp: 262733
Ion Ratio Lower Upper
105 100
120 47.1 0.0 95.4

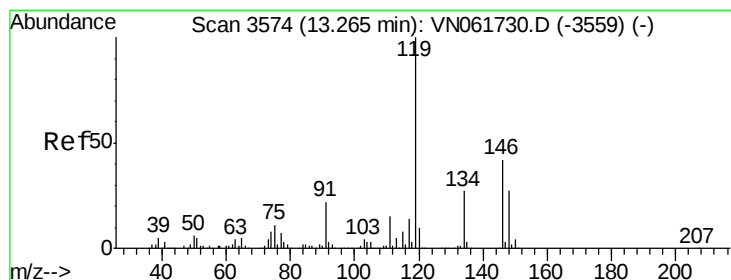
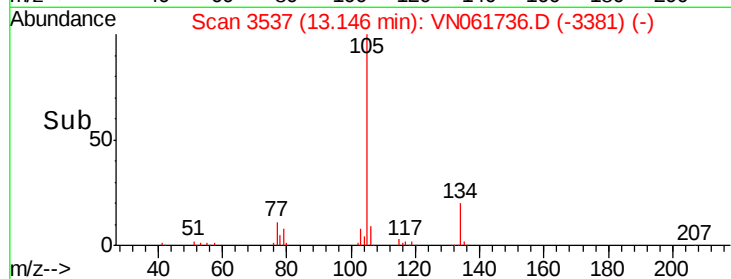
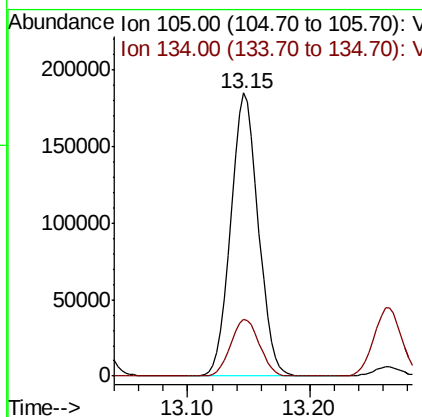
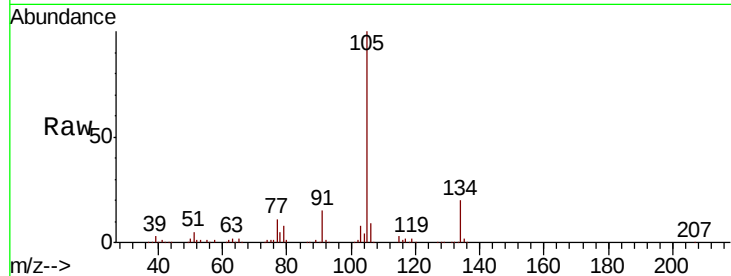




#81
 sec-Butylbenzene
 Concen: 19.165 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

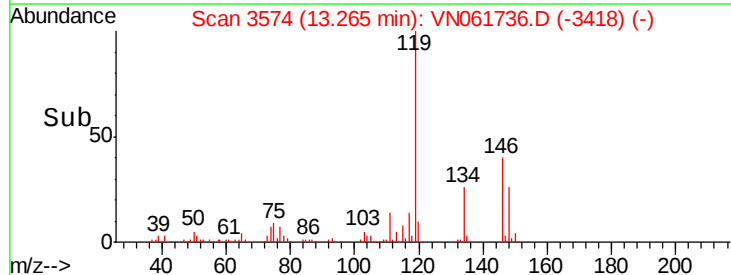
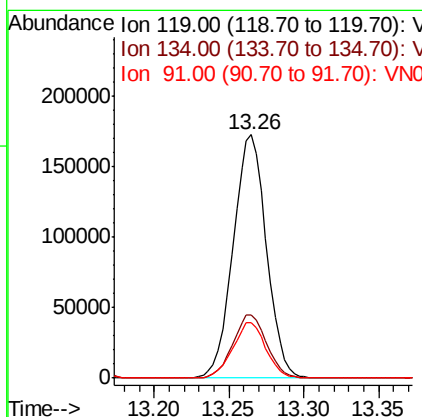
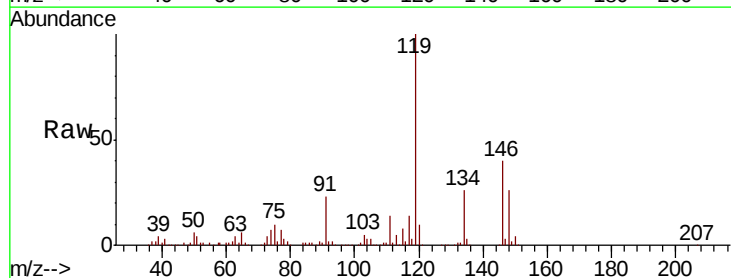
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

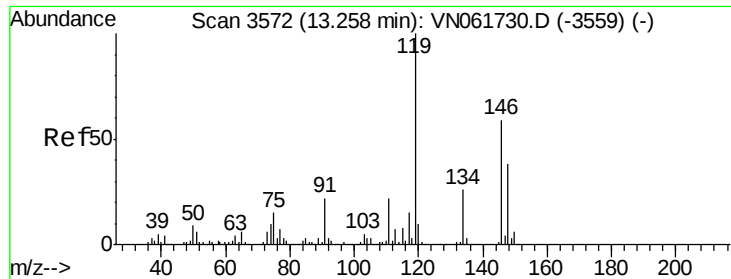
Tot Ion:105 Resp: 291606
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 18.849 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion:119 Resp: 266254
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.4
 91 22.5 0.0 45.2

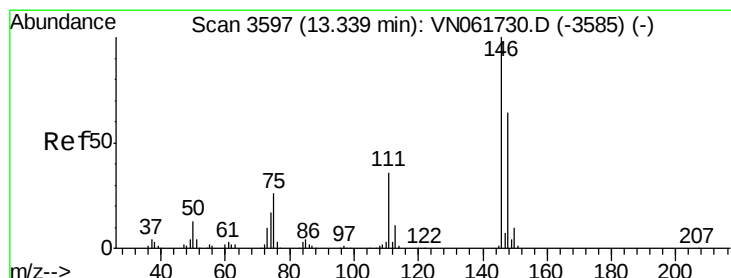
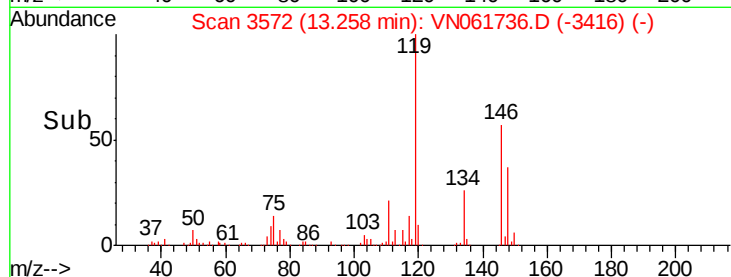
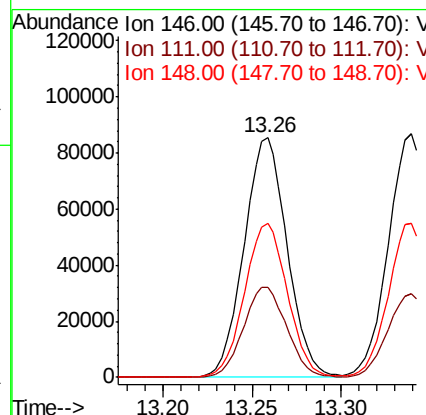
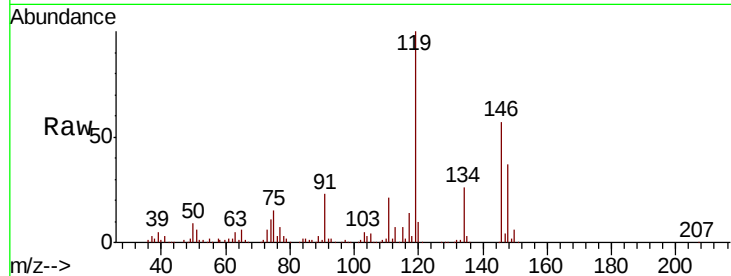




#83
 1,3-Dichlorobenzene
 Concen: 18.346 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

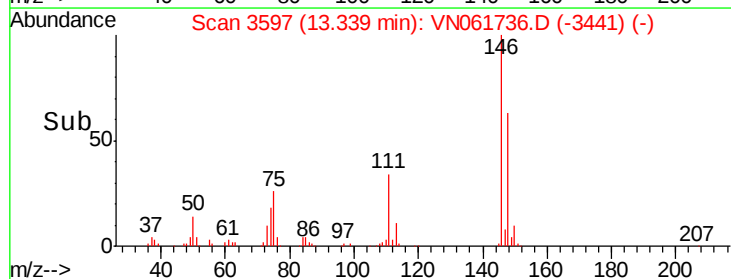
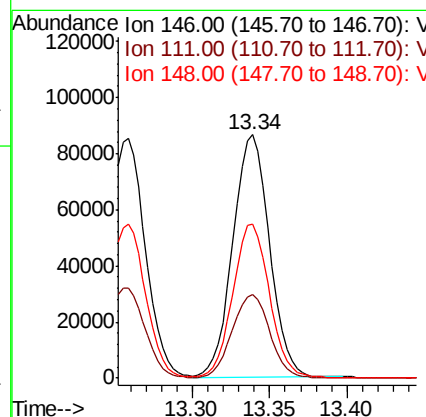
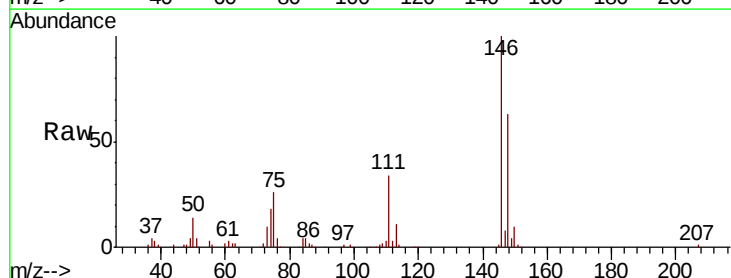
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

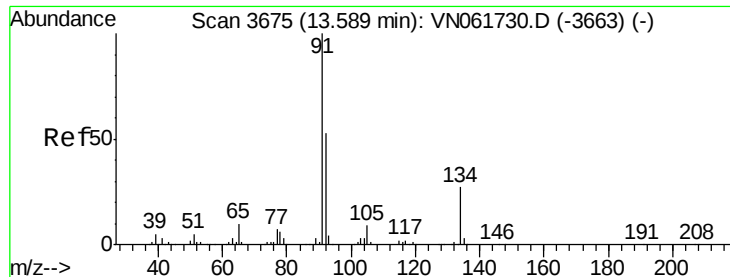
Tot Ion:146 Resp: 144476
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 63.9 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 18.445 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion:146 Resp: 142716
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.6 55.8
 148 63.4 32.2 96.6

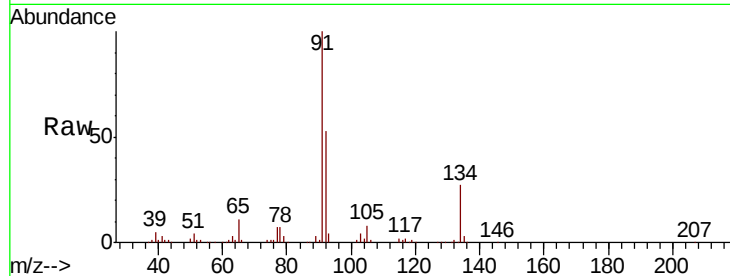




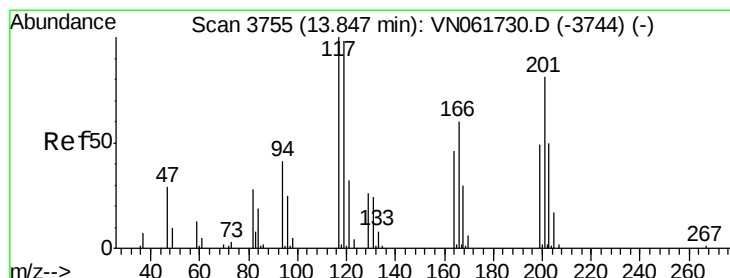
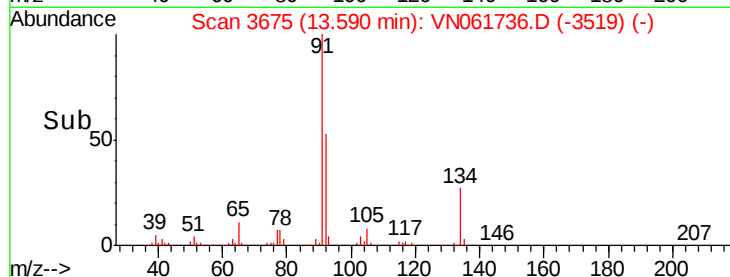
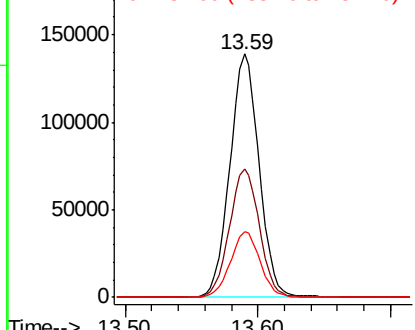
#85
n-Butylbenzene
Concen: 18.267 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tot Ion: 91 Resp: 213117
Ion Ratio Lower Upper
91 100
92 53.7 0.0 107.2
134 27.4 0.0 55.8

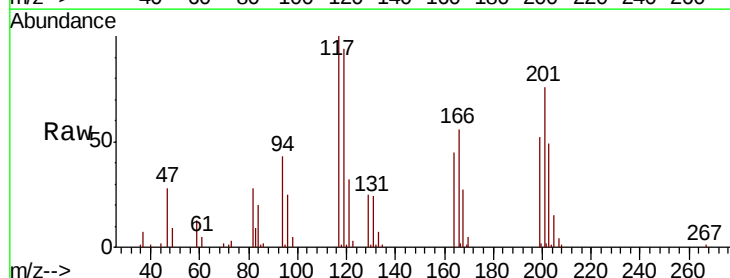


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

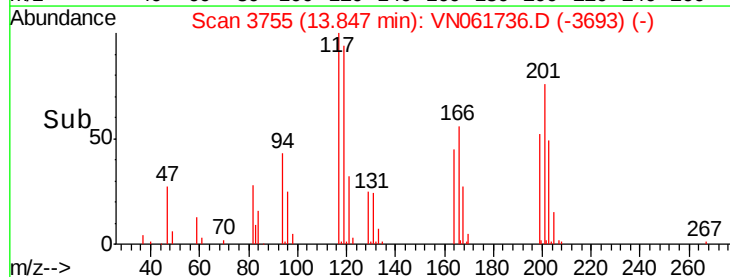
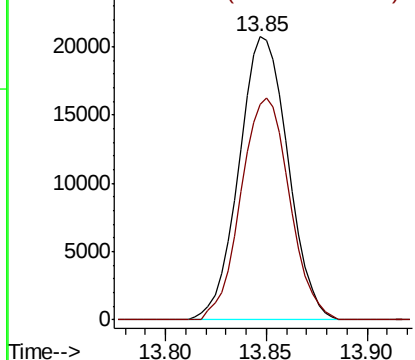


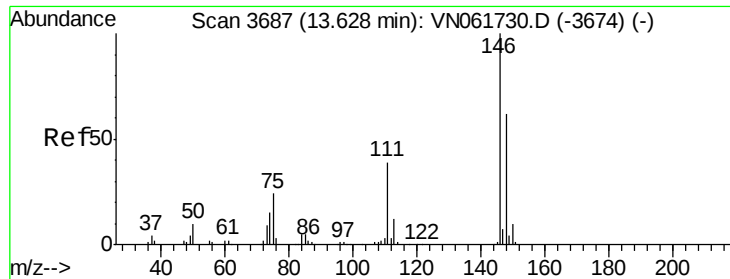
#86
Hexachloroethane
Concen: 18.402 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. 0.00 min
Lab File: VN061736.D
Acq: 10 Jun 2020 14:49

Tgt Ion: 117 Resp: 35391
Ion Ratio Lower Upper
117 100
201 77.6 39.1 117.5



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

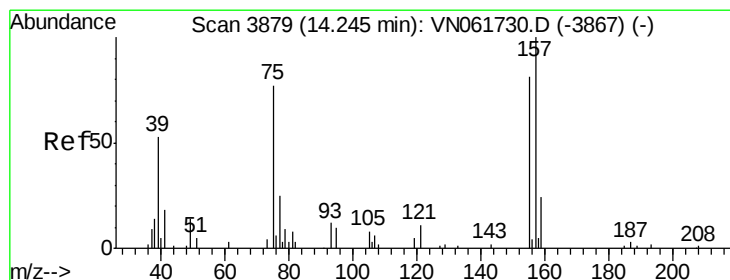
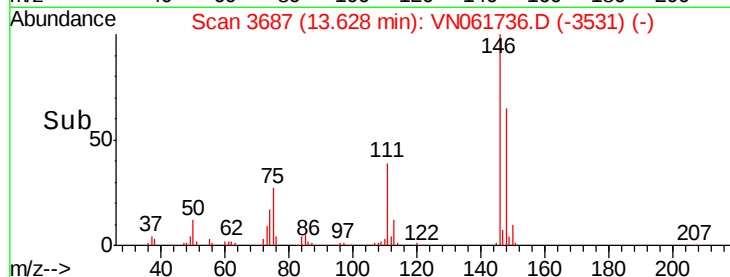
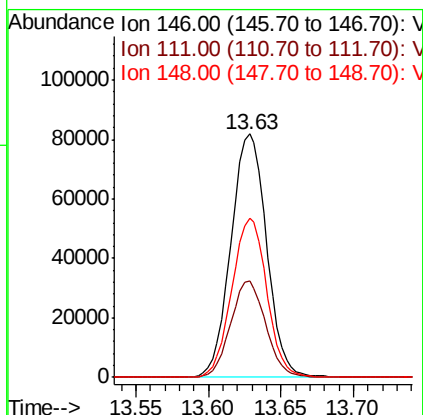
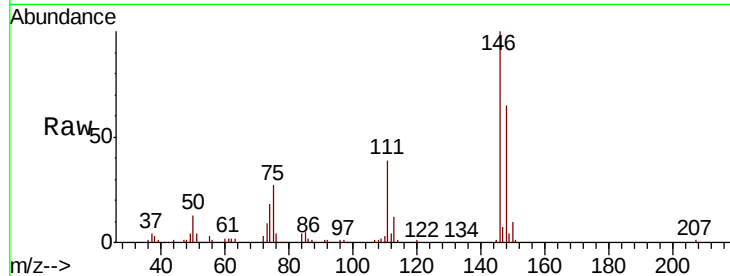




#87
 1,2-Dichlorobenzene
 Concen: 18.726 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

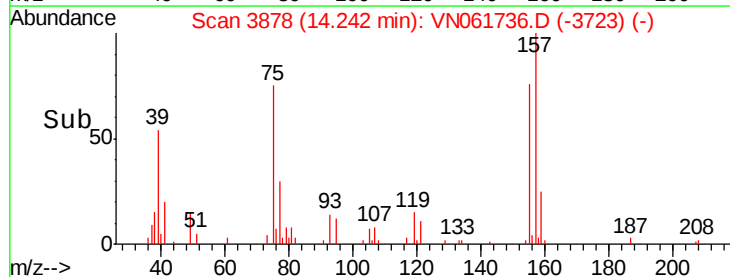
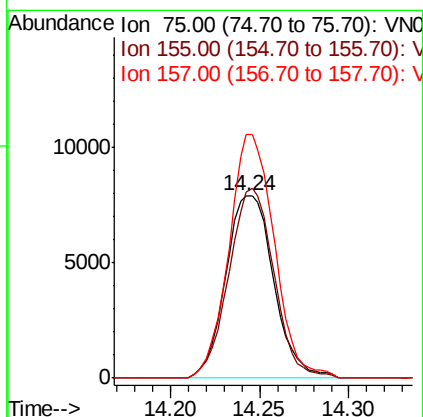
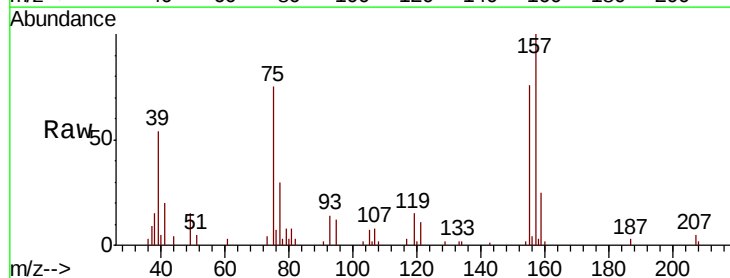
Instrument :
 MSVOA_N
 ClientSampled :
 VN0610WBS01

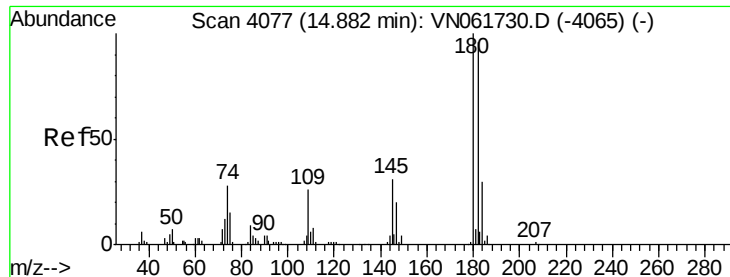
Tot Ion:146 Resp: 140094
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.3 57.9
 148 63.8 31.4 94.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.344 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion: 75 Resp: 14784
 Ion Ratio Lower Upper
 75 100
 155 97.5 79.6 119.4
 157 126.0 100.8 151.2

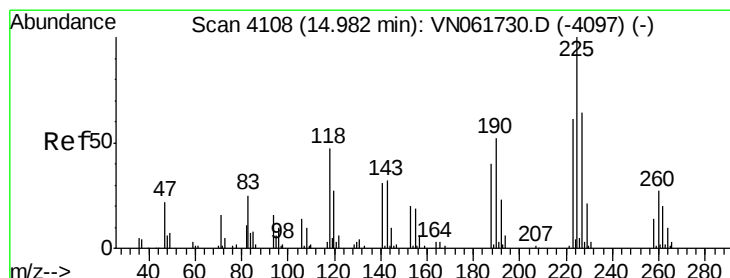
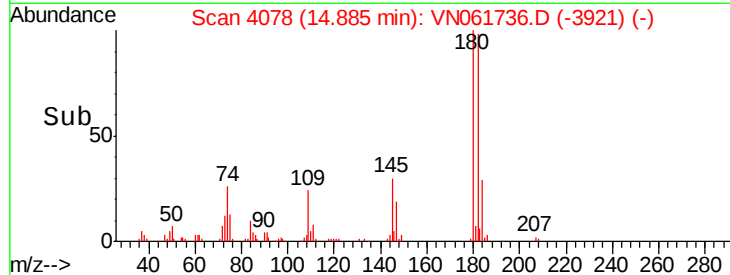
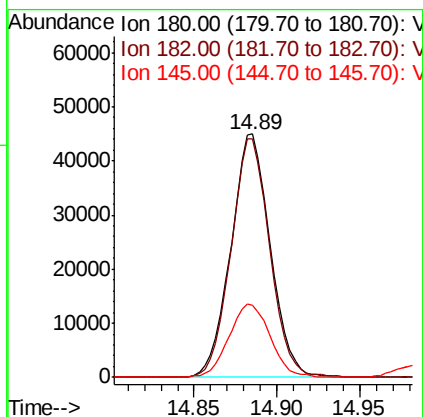
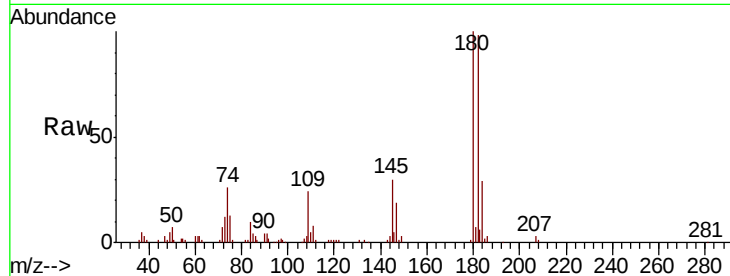




#89
 1,2,4-Trichlorobenzene
 Concen: 16.903 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

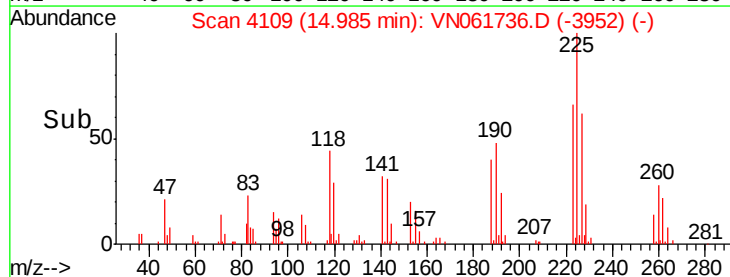
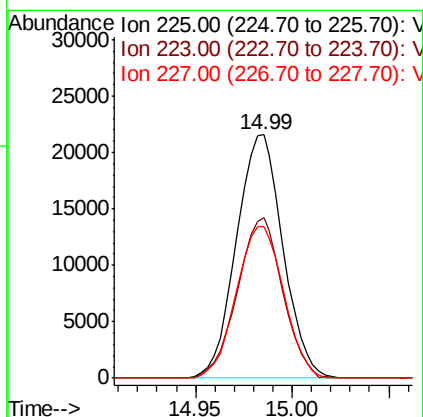
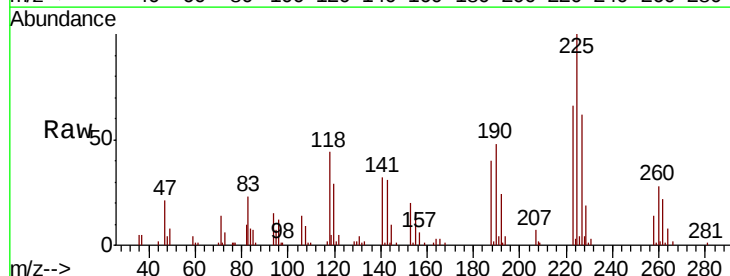
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

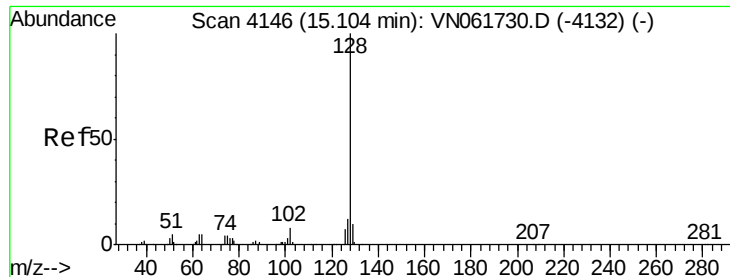
Tot Ion:180 Resp: 74151
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.6 113.4
 145 31.4 24.5 36.7



#90
 Hexachlorobutadiene
 Concen: 18.963 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061736.D
 Acq: 10 Jun 2020 14:49

Tgt Ion:225 Resp: 36067
 Ion Ratio Lower Upper
 225 100
 223 64.0 0.0 121.6
 227 63.3 0.0 126.8





#91

Naphthalene

Concen: 16.657 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS01

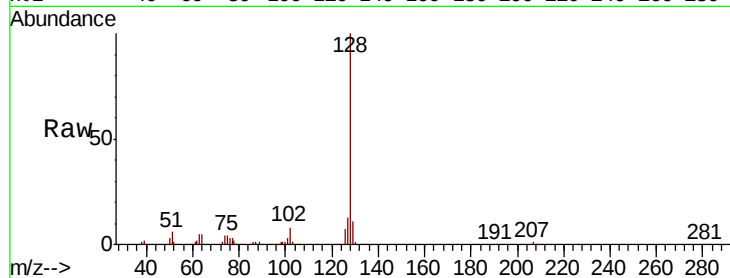
Tot Ion:128 Resp: 202774

Ion Ratio Lower Upper

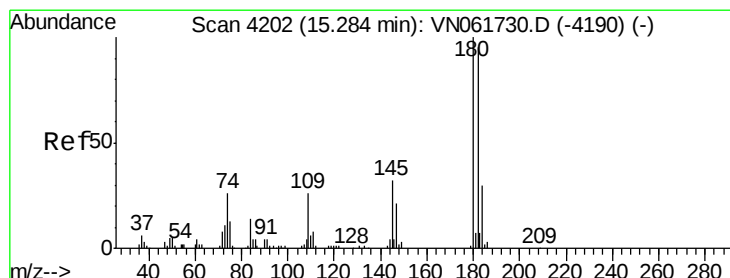
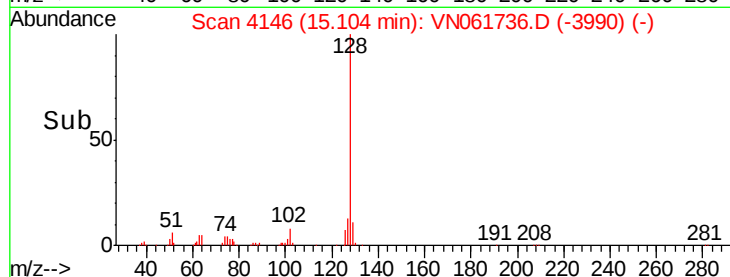
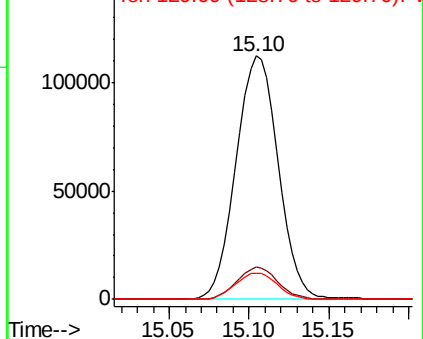
128 100

127 12.8 10.2 15.2

129 10.9 8.6 12.8



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



#92

1,2,3-Trichlorobenzene

Concen: 17.577 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061736.D

Acq: 10 Jun 2020 14:49

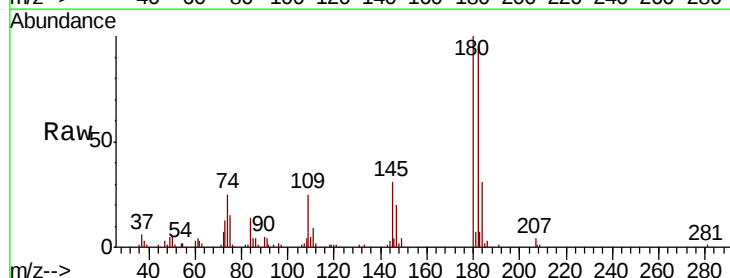
Tgt Ion:180 Resp: 75530

Ion Ratio Lower Upper

180 100

182 93.9 0.0 191.0

145 31.9 0.0 64.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

