

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082719\
 Data File : VN057547.D
 Acq On : 27 Aug 2019 11:34
 Operator : JC/SP
 Sample : VN0827WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

Quant Time: Sep 03 04:00:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	67134	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	378302	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	333443	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	194004	29.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.93%
60) 4-Bromofluorobenzene	12.40	95	153382	27.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.97%
63) Toluene-d8	10.09	98	509851	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	66470	18.926	ug/l 98
3) Chloromethane	2.05	50	103760	19.674	ug/l 99
4) Vinyl Chloride	2.17	62	131417	19.614	ug/l 99
5) Bromomethane	2.55	94	83510	19.267	ug/l 98
6) Chloroethane	2.69	64	85307	19.008	ug/l 100
7) Trichlorofluoromethane	3.00	101	200132	18.780	ug/l 97
8) Diethyl Ether	3.39	74	74761	18.261	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	72482	12.076	ug/l 98
10) 1,1-Dichloroethene	3.70	96	84338	14.554	ug/l 96
11) Methyl Iodide	3.92	142	85276	16.372	ug/l 98
13) Acrolein	3.58	56	68023	91.628	ug/l 94
14) Acrylonitrile	4.97	53	193265	95.303	ug/l 98
15) Acetone	3.80	58	48165	50.772	ug/l 97
16) Carbon Disulfide	4.02	76	183029	17.733	ug/l 96
17) Allvl chloride	4.29	41	146649	18.551	ug/l 98
18) Methylene Chloride	4.52	84	43693	10.282	ug/l 99
19) trans-1,2-Dichloroethene	5.01	96	79986	19.988	ug/l 95
20) Diisopropyl ether	5.93	45	322887	19.132	ug/l 99
21) 1,1-Dichloroethane	5.82	63	171226	19.524	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	94427	19.400	ug/l 97
23) tert-Butyl Alcohol	4.79	59	62361	84.656	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	267986	20.017	ug/l 98
25) Chloroform	7.36	83	172659	19.830	ug/l 97
26) Cyclohexane	7.64	56	147486	18.886	ug/l # 99
29) 1,1-Dichloropropene	7.78	75	123815	19.258	ug/l 99
30) 2-Butanone	6.82	43	270313	87.448	ug/l # 82
31) 2,2-Dichloropropane	6.80	77	71318	9.709	ug/l # 58
32) 1,1,1-Trichloroethane	7.55	97	140038	19.053	ug/l 97
33) Carbon Tetrachloride	7.76	117	112847	18.490	ug/l 97
34) Benzene	8.03	78	374837	19.826	ug/l 99
35) Methacrylonitrile	7.16	41	56620	18.099	ug/l 96
36) 1,2-Dichloroethane	8.11	62	145125	19.581	ug/l # 87
37) Trichloroethene	8.83	130	84952	19.694	ug/l 98
38) Methylcyclohexane	9.07	83	138583	19.204	ug/l 96
39) 1,2-Dichloropropane	9.11	63	101214	18.827	ug/l 92
40) Dibromomethane	9.20	93	63144	19.219	ug/l 96
41) Bromodichloromethane	9.39	83	130260	18.694	ug/l 95

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

Quant Time: Sep 03 04:00:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.88	43	1247639	90.192	ug/l	100
43) Ethyl Acetate	6.92	43	112960	18.774	ug/l #	81
44) Isopropyl Acetate	8.16	43	205714	17.910	ug/l #	93
45) 1,4-Dioxane	9.19	88	24478	354.553	ug/l	98
46) Methyl methacrylate	9.19	41	100042	18.341	ug/l	99
47) n-amyl Acetate	12.07	43	157660	17.055	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	128798	17.497	ug/l	99
49) cis-1,3-Dichloropropene	9.83	75	147611	18.244	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	86317	20.036	ug/l	95
51) Ethyl methacrylate	10.43	69	130389	18.207	ug/l	98
52) 1,3-Dichloropropane	10.70	76	151534	19.293	ug/l	98
53) Dibromochloromethane	10.90	129	81391	17.722	ug/l	98
54) 1,2-Dibromoethane	11.00	107	82603	18.739	ug/l	97
55) 2-Chloroethyl vinyl ether	9.69	63	180754	102.390	ug/l	99
56) Bromoform	12.13	173	44632	16.283	ug/l #	96
58) 4-Methyl-2-Pentanone	9.98	43	591756	90.464	ug/l	99
59) 2-Hexanone	10.75	43	392430	86.552	ug/l	99
61) Tetrachloroethene	10.63	164	74550	19.495	ug/l	95
62) Toluene	10.15	91	385545	18.919	ug/l	99
64) Chlorobenzene	11.43	112	209655	18.923	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.51	131	76565	18.185	ug/l	97
66) Ethyl Benzene	11.51	91	410317	18.813	ug/l	99
67) m/p-Xylenes	11.62	106	283718	37.505	ug/l	97
68) o-Xylene	11.95	106	139838	18.705	ug/l	96
69) Styrene	11.96	104	219378	18.369	ug/l	97
70) Isopropylbenzene	12.25	105	377386	18.870	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	107022	18.505	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	134062	25.535	ug/l	63
73) Bromobenzene	12.53	156	74635	18.438	ug/l	96
74) n-propylbenzene	12.59	91	410098	17.983	ug/l	100
75) 2-Chlorotoluene	12.68	91	246677	18.367	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	299911	18.273	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	29463	15.649	ug/l	94
78) 4-Chlorotoluene	12.77	91	224002	17.652	ug/l	98
79) tert-butylbenzene	12.99	119	261090	18.695	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	285173	18.637	ug/l	99
81) sec-Butylbenzene	13.17	105	329607	17.910	ug/l	98
82) p-Isopropyltoluene	13.29	119	274117	17.717	ug/l	98
83) 1,3-Dichlorobenzene	13.28	146	107220	17.015	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	104806	17.096	ug/l	98
85) n-Butylbenzene	13.62	91	221229	16.401	ug/l	99
86) Hexachloroethane	13.88	117	49815	15.957	ug/l	100
87) 1,2-Dichlorobenzene	13.66	146	110239	17.813	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	14973	15.427	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	28830	12.433	ug/l	97
90) Hexachlorobutadiene	15.01	225	33495	18.787	ug/l	96
91) Naphthalene	15.13	128	92666	18.028	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	28920	12.471	ug/l	98

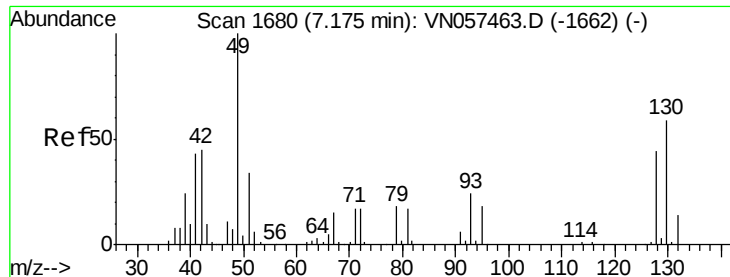
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082719\
Data File : VN057547.D
Acq On : 27 Aug 2019 11:34
Operator : JC/SP
Sample : VN0827WBSD01
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Quant Time: Sep 03 04:00:55 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 23 23:15:31 2019
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampled :

VN0827WBSD01

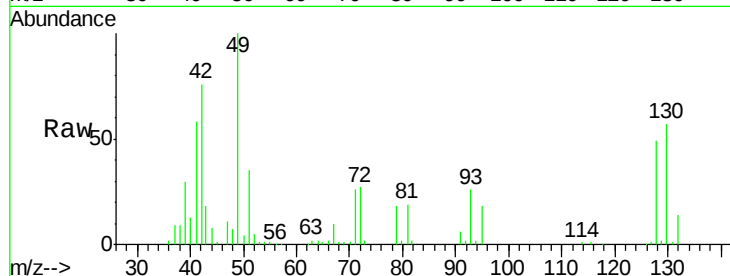
Tot Ion:128 Resp: 67134

Ion Ratio Lower Upper

128 100

49 218.3 0.0 560.5

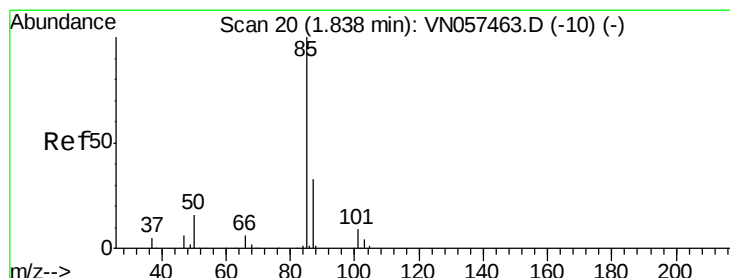
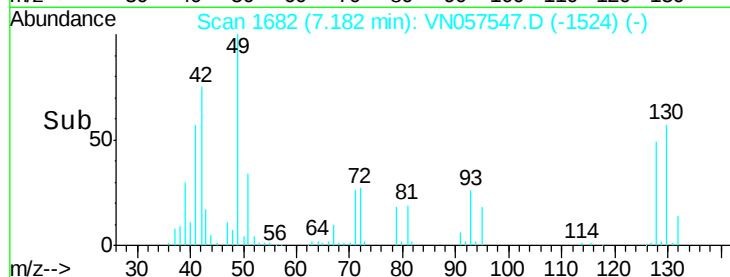
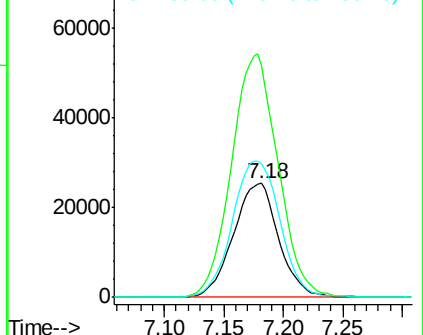
130 125.6 0.0 317.3



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: 18.926 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN057547.D

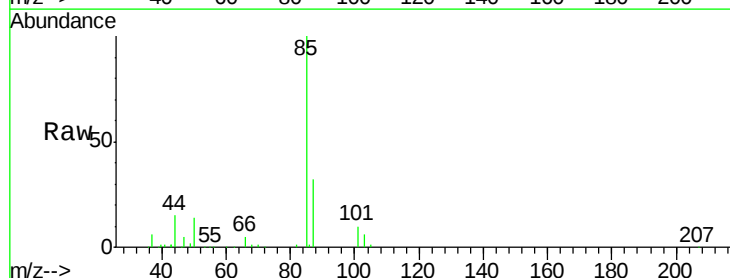
Acq: 27 Aug 2019 11:34

Tgt Ion: 85 Resp: 66470

Ion Ratio Lower Upper

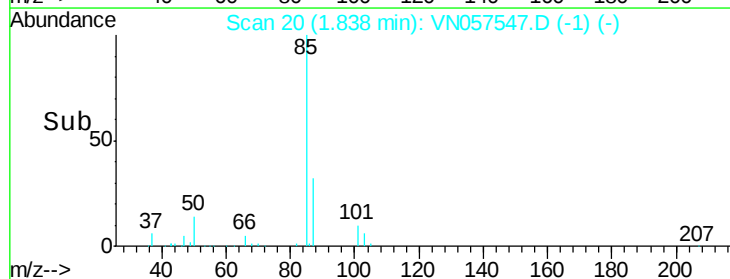
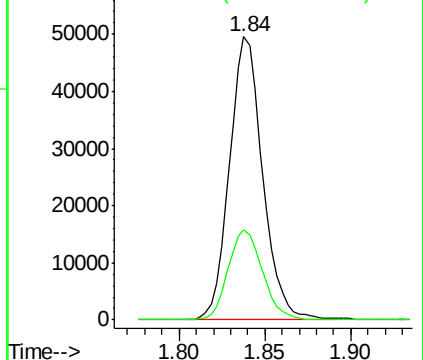
85 100

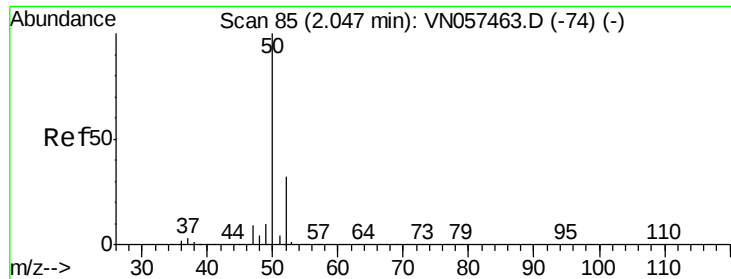
87 31.7 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 19.674 ug/l

RT: 2.05 min Scan# 85

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

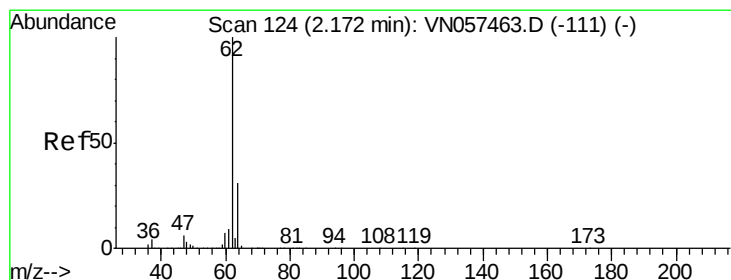
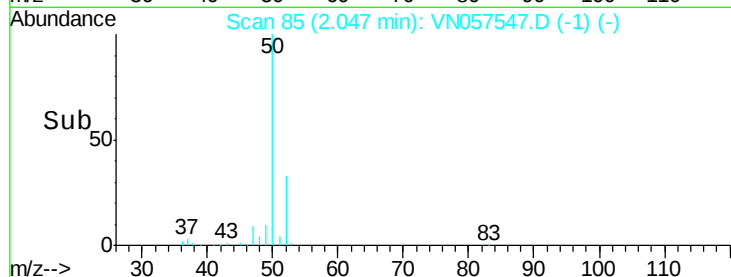
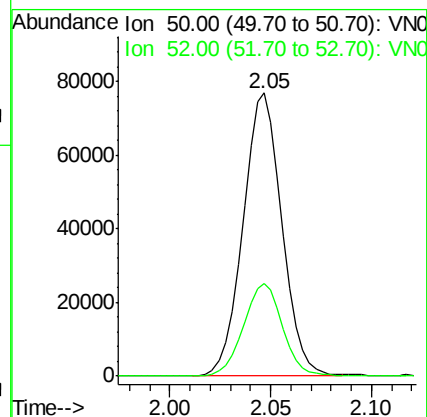
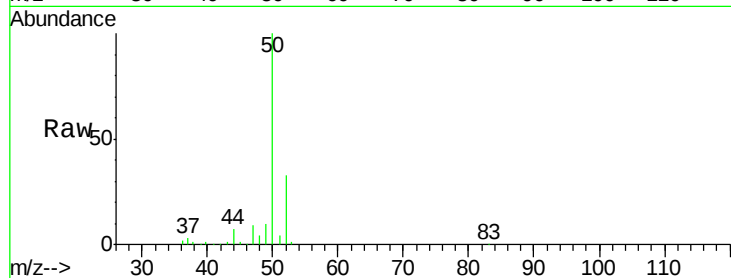
VN0827WBSD01

Tot Ion: 50 Resp: 103760

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 19.614 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN057547.D

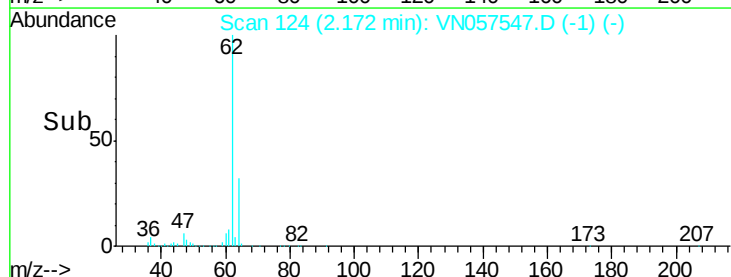
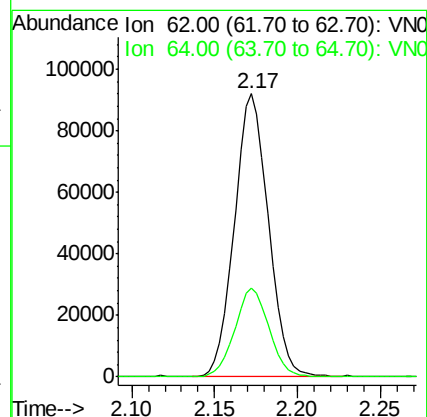
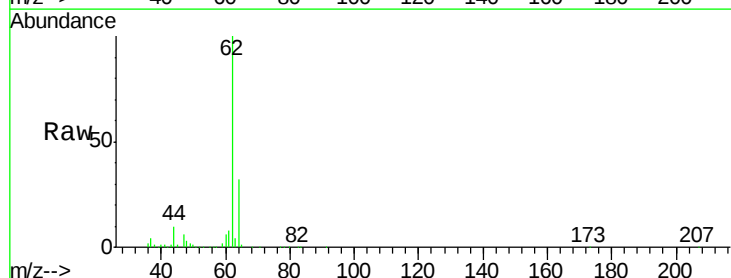
Acq: 27 Aug 2019 11:34

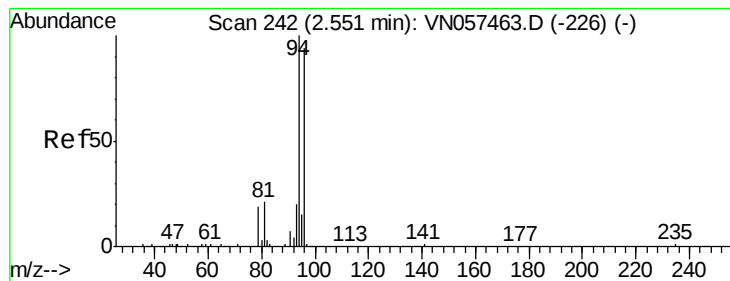
Tgt Ion: 62 Resp: 131417

Ion Ratio Lower Upper

62 100

64 31.4 24.8 37.2





#5

Bromomethane

Concen: 19.267 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

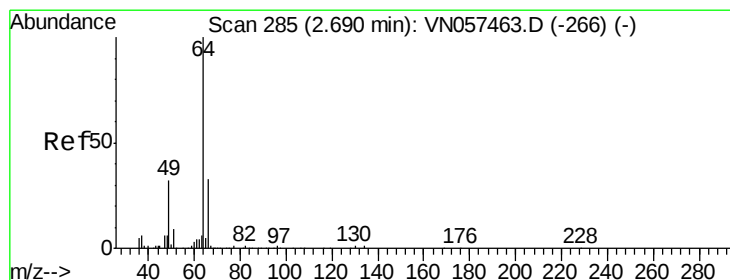
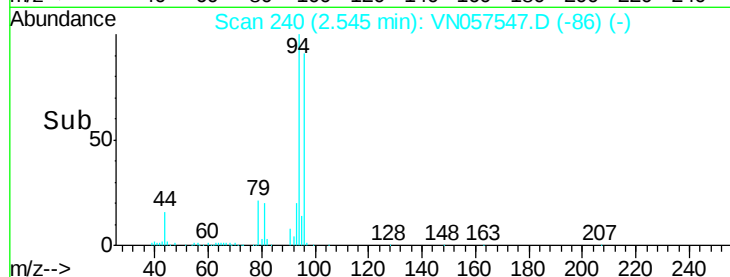
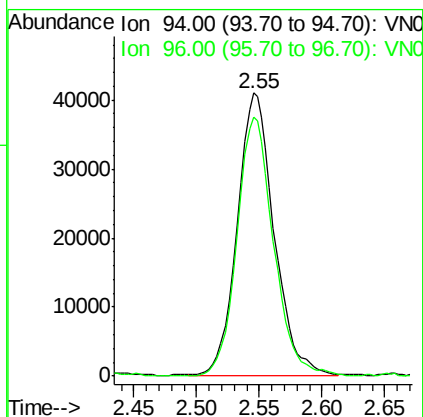
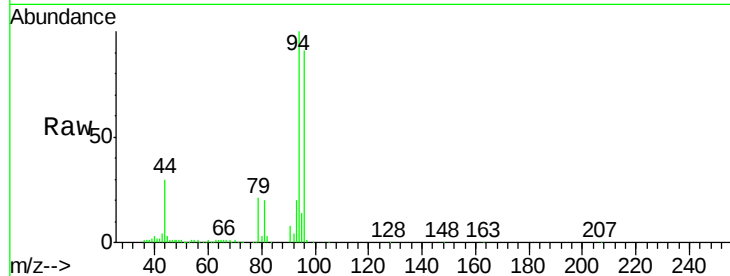
VN0827WBSD01

Tot Ion: 94 Resp: 83510

Ion Ratio Lower Upper

94 100

96 91.8 74.8 112.2



#6

Chloroethane

Concen: 19.008 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN057547.D

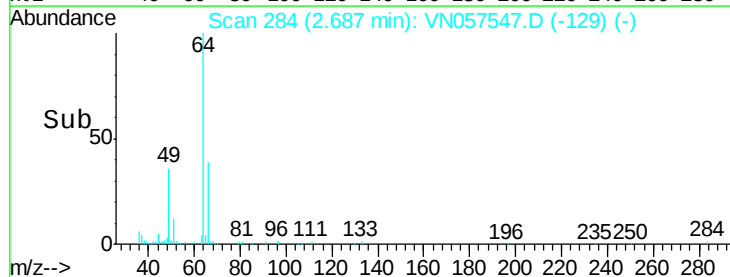
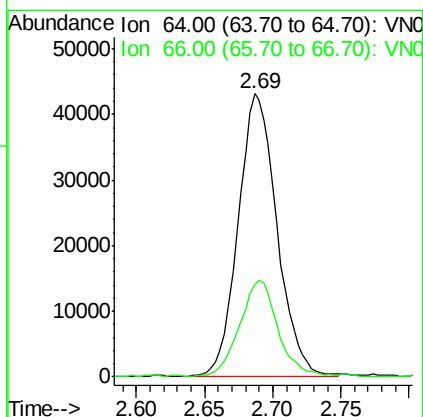
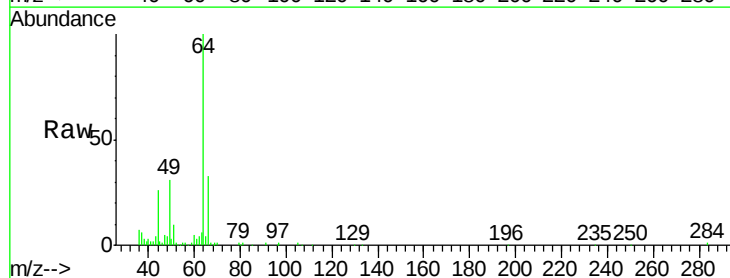
Acq: 27 Aug 2019 11:34

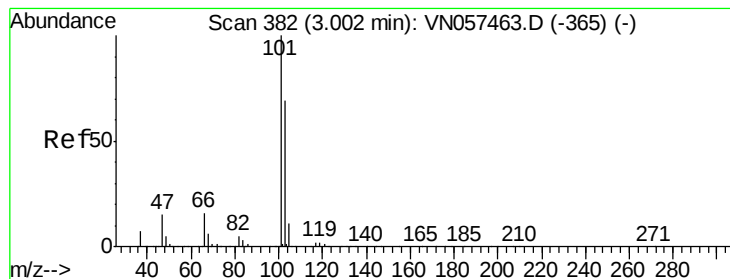
Tgt Ion: 64 Resp: 85307

Ion Ratio Lower Upper

64 100

66 32.9 26.3 39.5



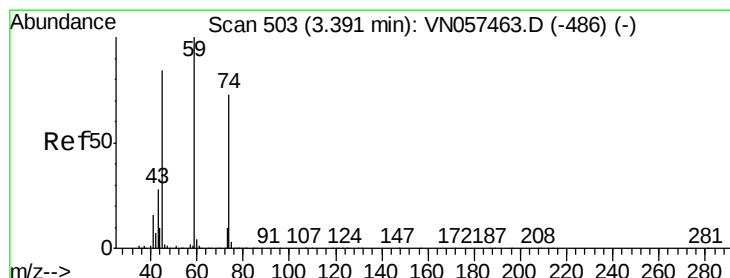
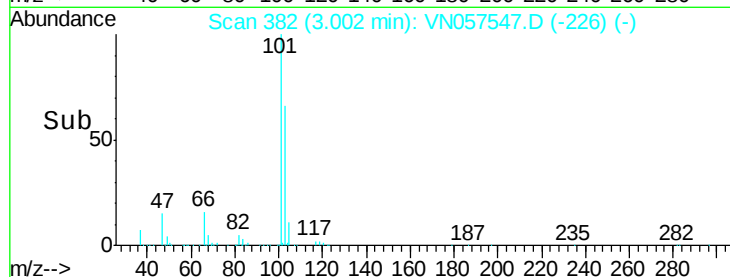
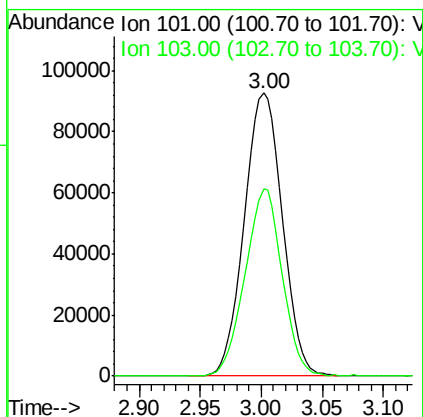
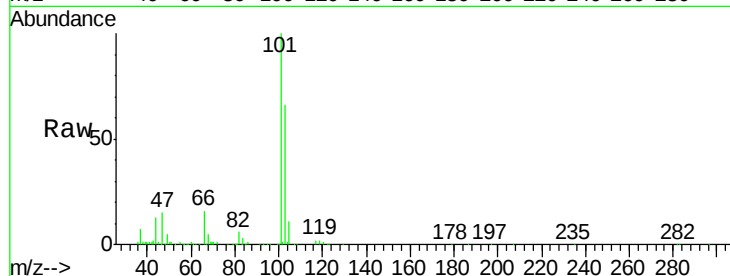


#7

Trichlorofluoromethane
 Concen: 18.780 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

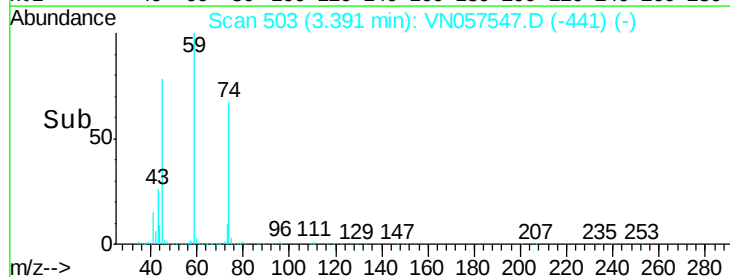
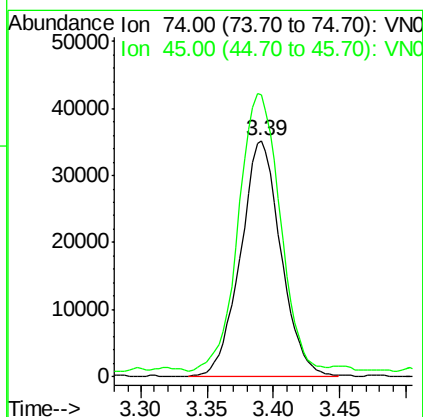
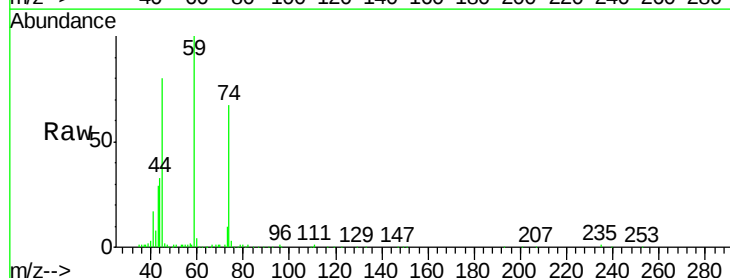
Tot Ion:101 Resp: 200132
 Ion Ratio Lower Upper
 101 100
 103 66.2 55.0 82.4

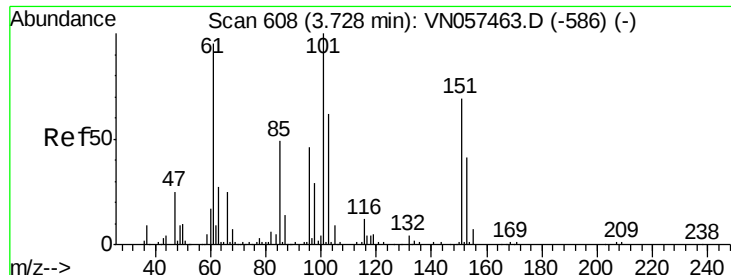


#8

Diethyl Ether
 Concen: 18.261 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion: 74 Resp: 74761
 Ion Ratio Lower Upper
 74 100
 45 120.2 23.2 209.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.076 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

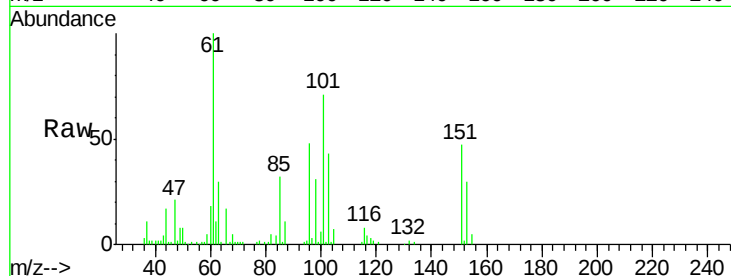
Tot Ion:101 Resp: 72482

Ion Ratio Lower Upper

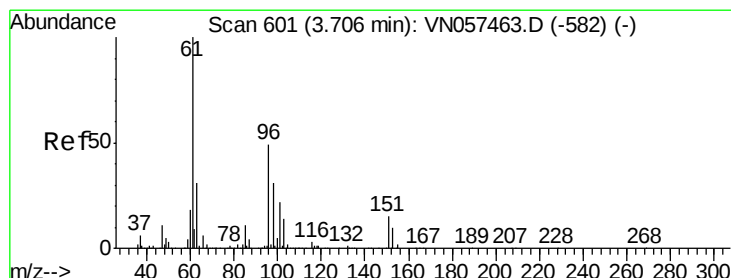
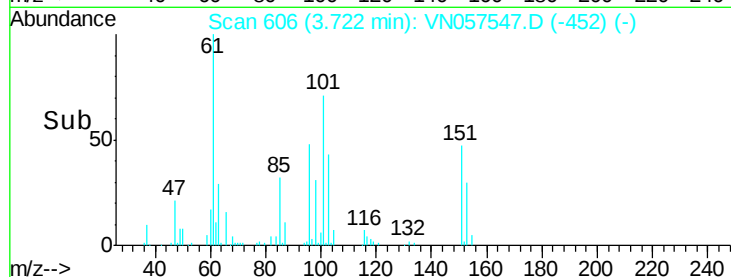
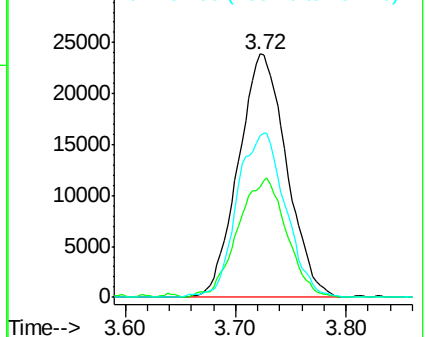
101 100

85 49.0 0.0 101.6

151 67.7 0.0 139.4



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): V
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 14.554 ug/l

RT: 3.70 min Scan# 600

Delta R.T. -0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

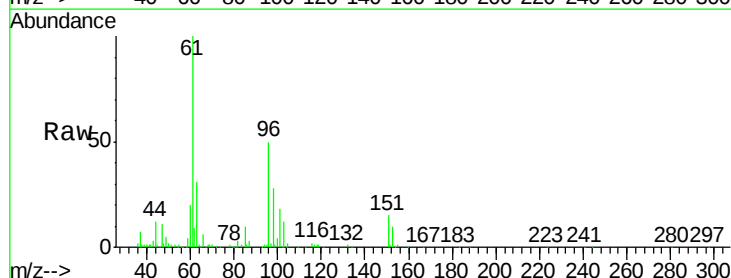
Tgt Ion: 96 Resp: 84338

Ion Ratio Lower Upper

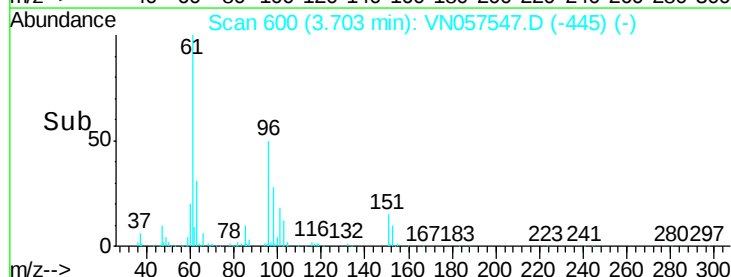
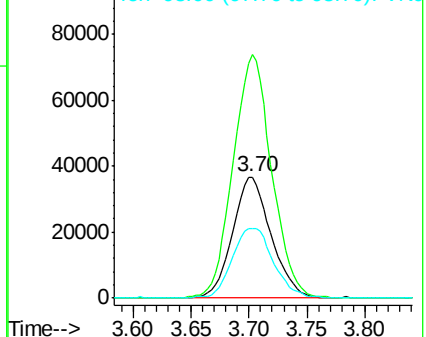
96 100

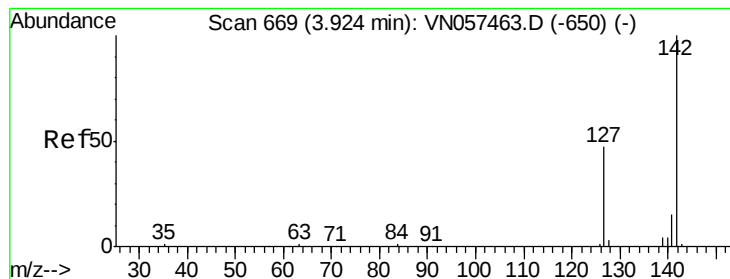
61 200.1 162.6 244.0

98 57.2 51.1 76.7



Abundance Ion 96.00 (95.70 to 96.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 98.00 (97.70 to 98.70): V

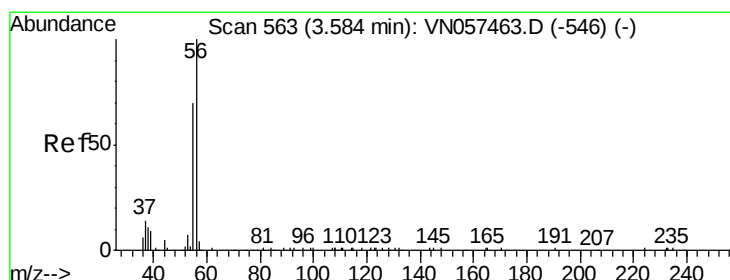
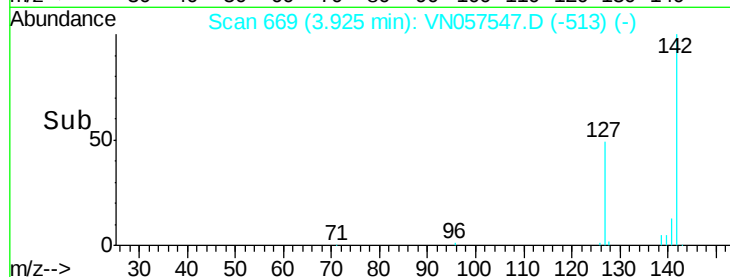
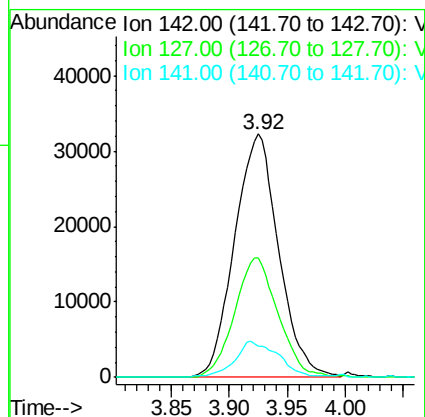
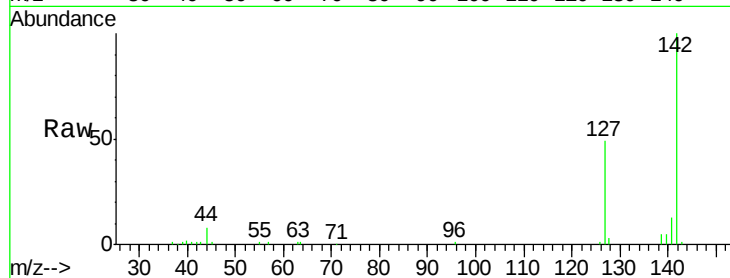




#11
Methvl Iodide
Concen: 16.372 ug/l
RT: 3.92 min Scan# 669
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

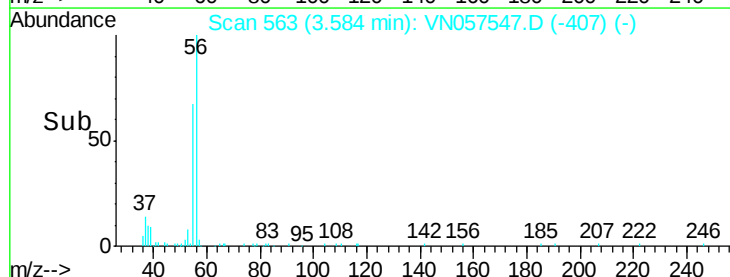
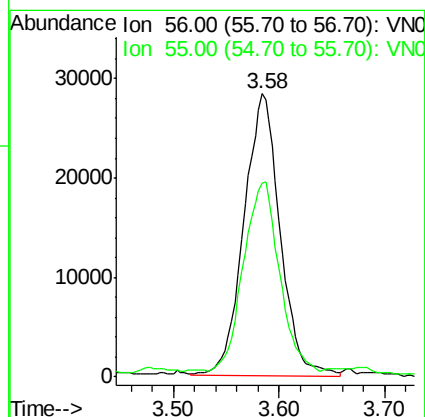
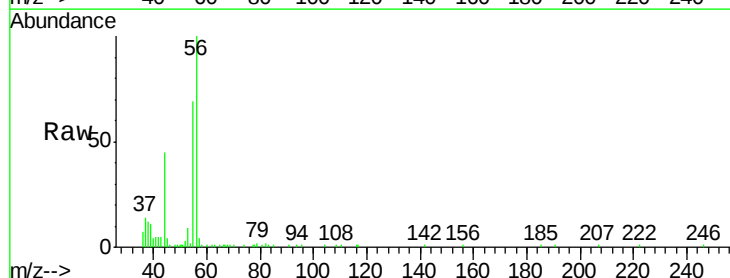
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

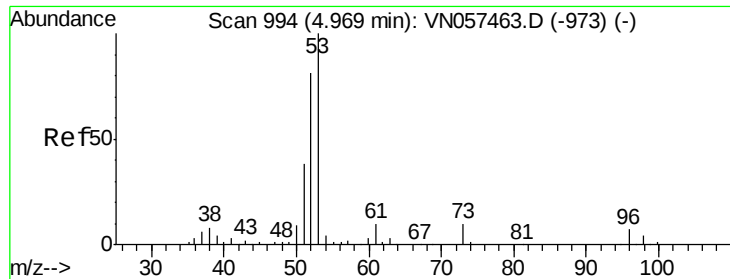
Tot Ion:142 Resp: 85276
Ion Ratio Lower Upper
142 100
127 48.4 24.0 72.0
141 12.2 7.0 21.1



#13
Acrolein
Concen: 91.628 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion: 56 Resp: 68023
Ion Ratio Lower Upper
56 100
55 65.7 56.7 85.1





#14

Acrylonitrile

Concen: 95.303 ug/l

RT: 4.97 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

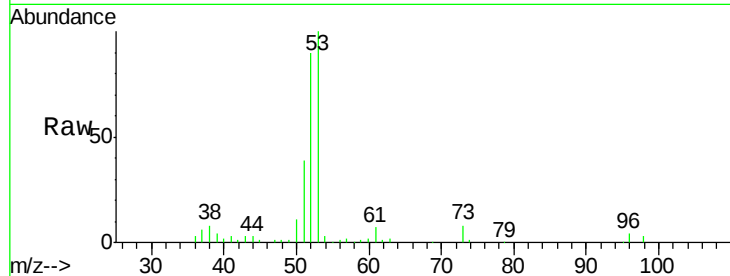
Tot Ion: 53 Resp: 193265

Ion Ratio Lower Upper

53 100

52 83.9 41.3 123.9

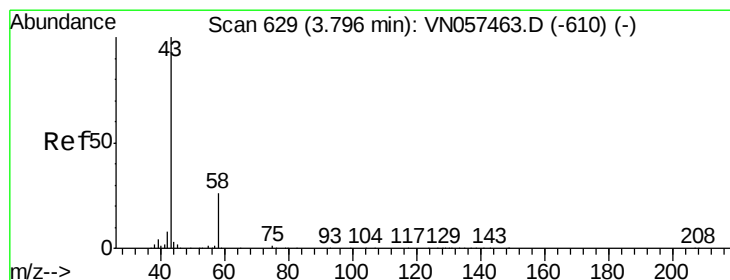
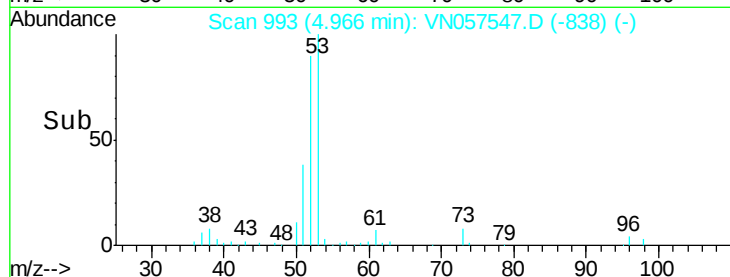
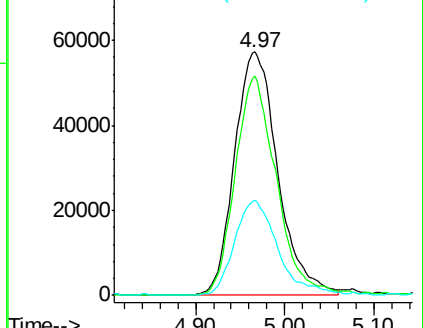
51 37.8 18.3 54.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#15

Acetone

Concen: 50.772 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057547.D

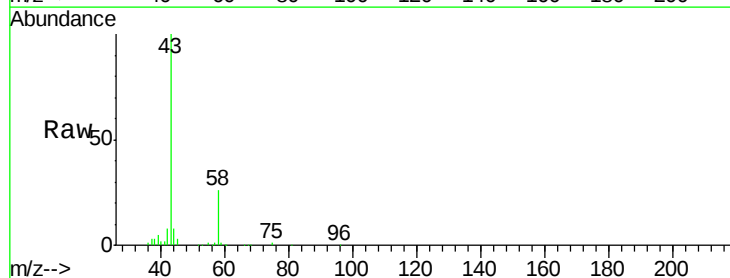
Acq: 27 Aug 2019 11:34

Tgt Ion: 58 Resp: 48165

Ion Ratio Lower Upper

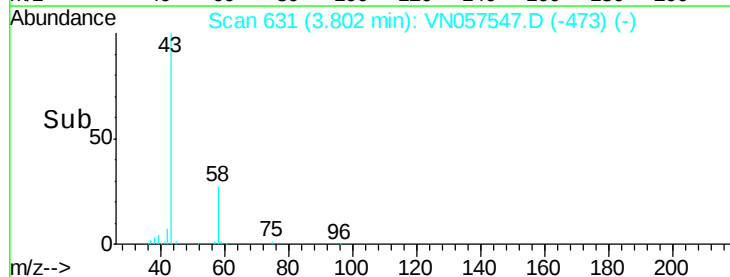
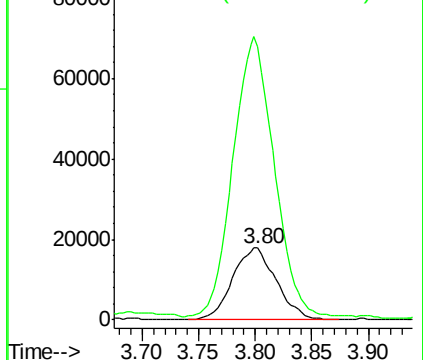
58 100

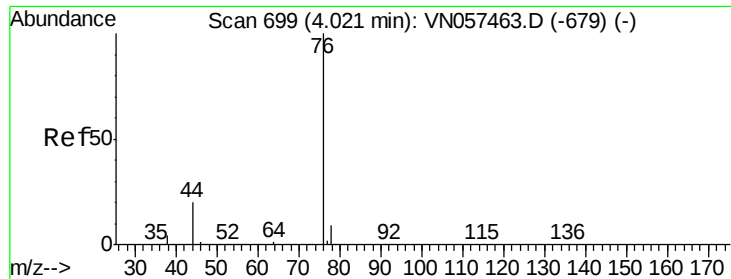
43 373.2 304.4 456.6



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

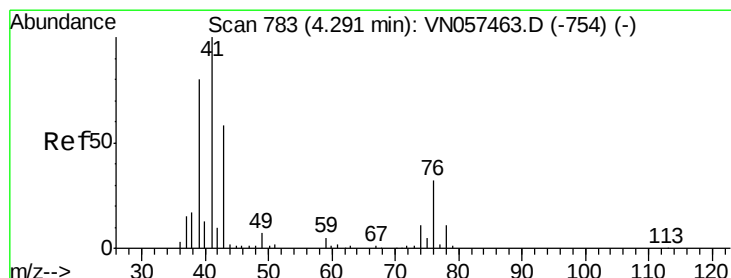
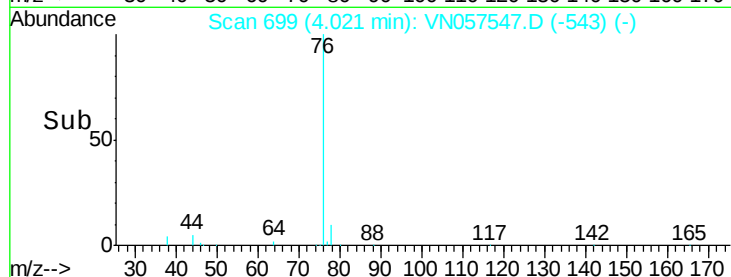
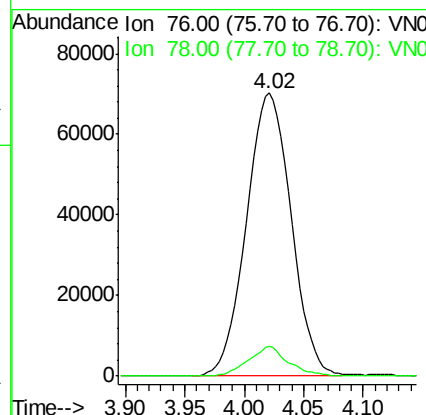
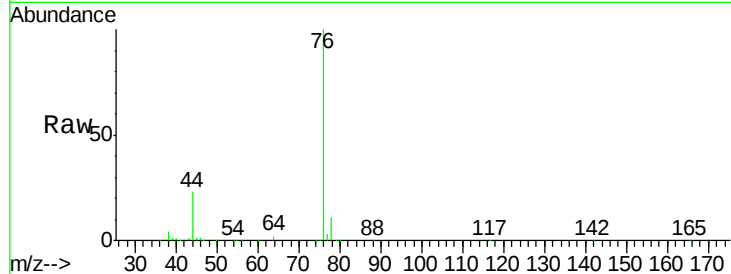




#16
Carbon Disulfide
Concen: 17.733 ug/l
RT: 4.02 min Scan# 699
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

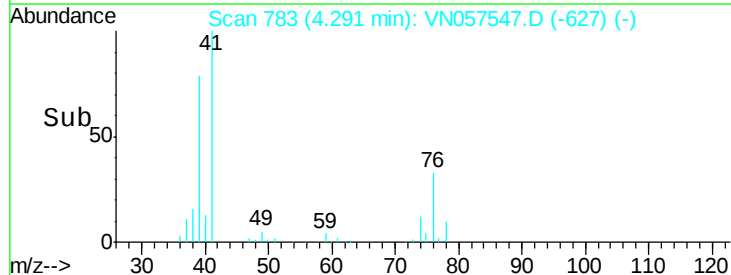
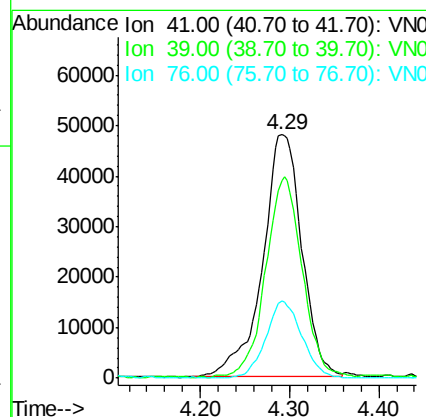
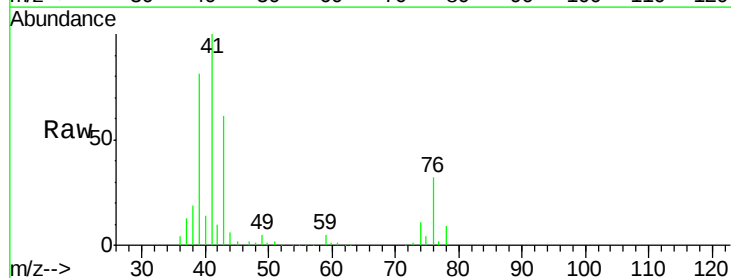
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

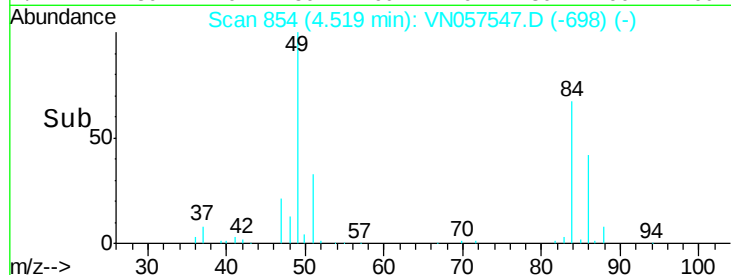
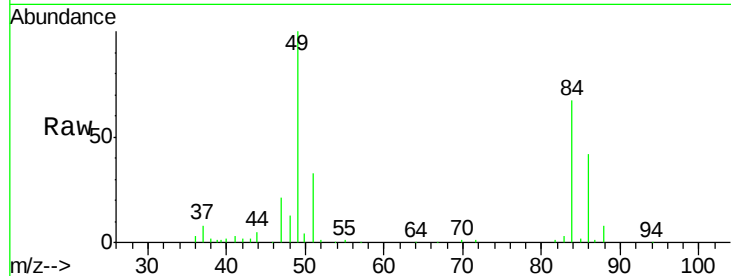
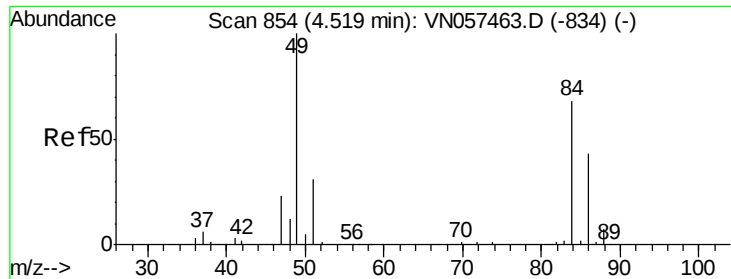
Tot Ion: 76 Resp: 183029
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2



#17
Allyl chloride
Concen: 18.551 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion: 41 Resp: 146649
Ion Ratio Lower Upper
41 100
39 81.7 40.1 120.2
76 31.4 16.2 48.6

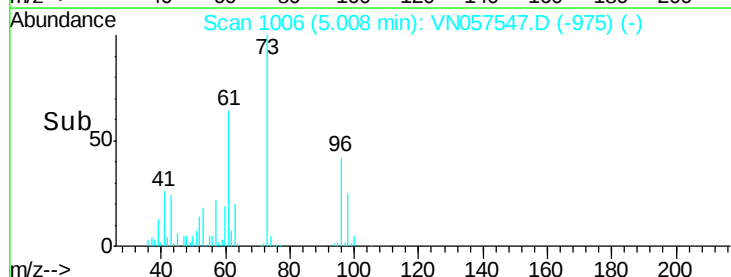
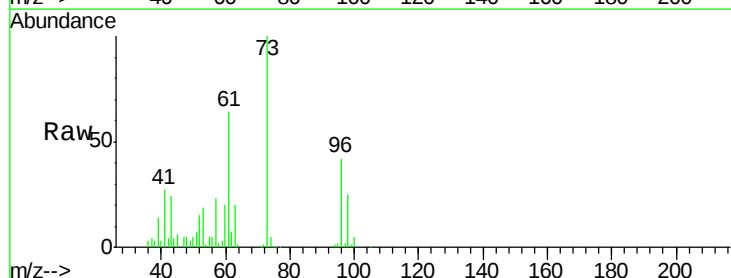
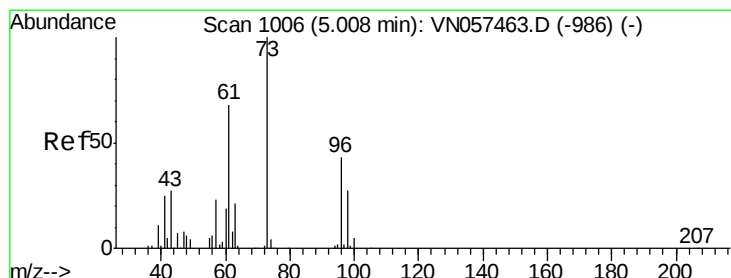
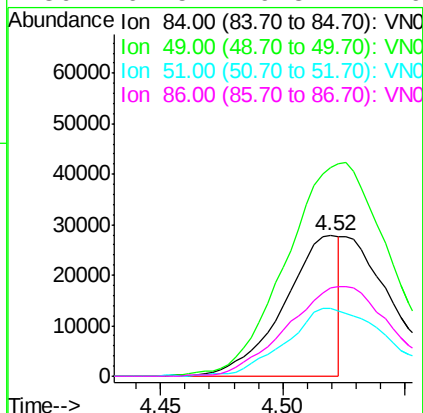




#18
Methylene Chloride
Concen: 10.282 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

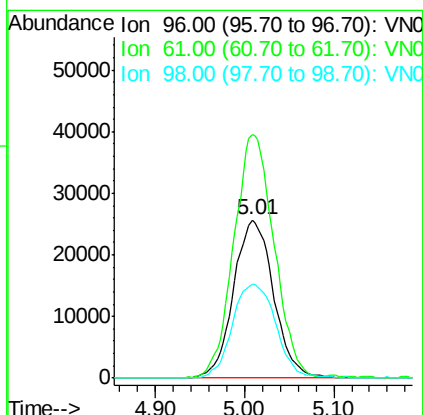
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

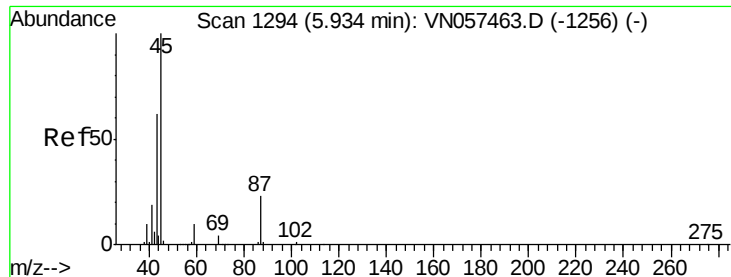
Tot Ion:	84	Resp:	43693
Ion	Ratio	Lower	Upper
84	100		
49	146.1	116.8	175.2
51	48.2	36.4	54.6
86	61.5	49.8	74.6



#19
trans-1,2-Dichloroethene
Concen: 19.988 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion:	96	Resp:	79986
Ion	Ratio	Lower	Upper
96	100		
61	153.5	127.6	191.4
98	59.6	51.5	77.3

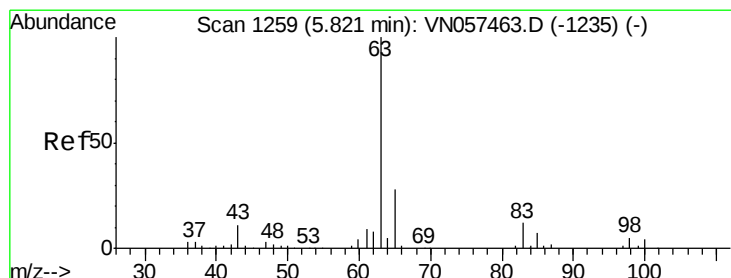
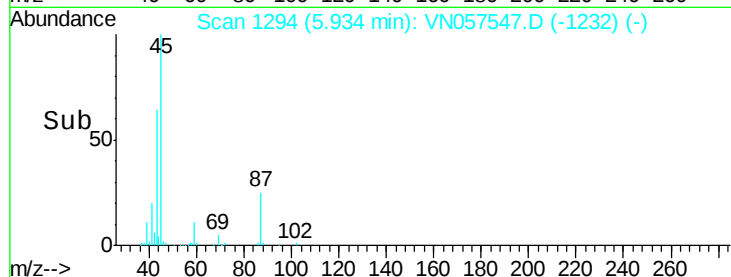
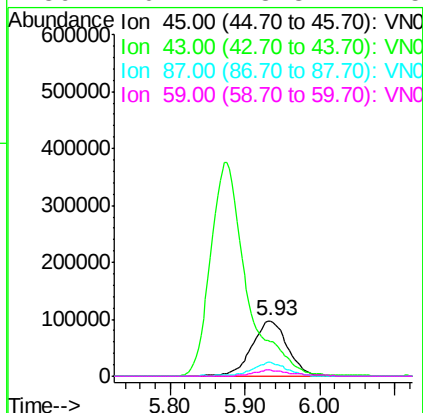
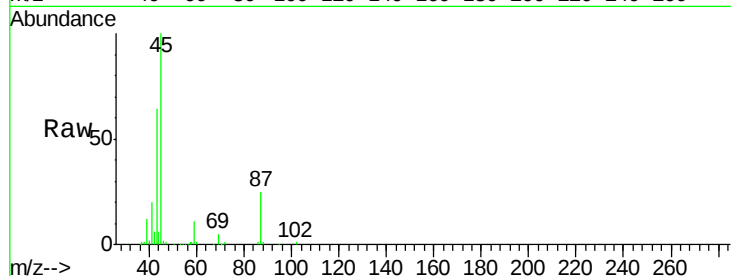




#20
Diisopropyl ether
Concen: 19.132 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

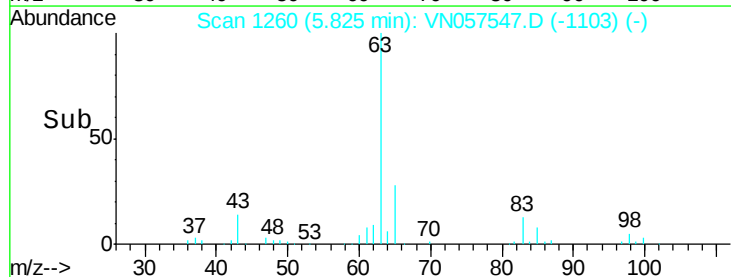
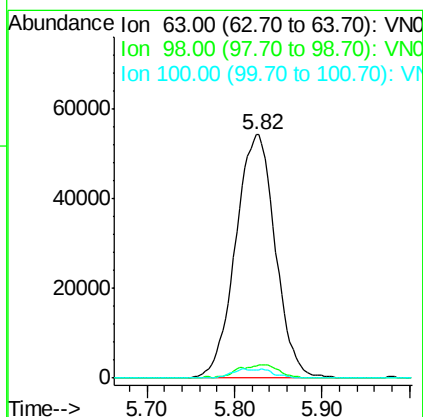
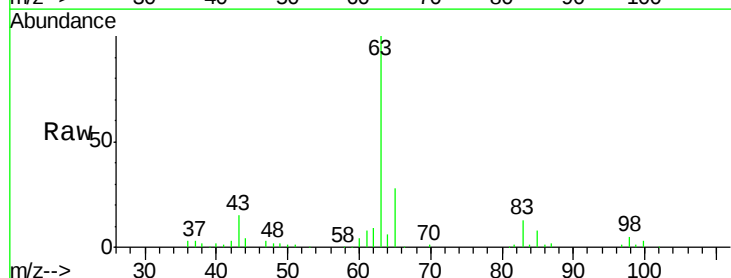
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

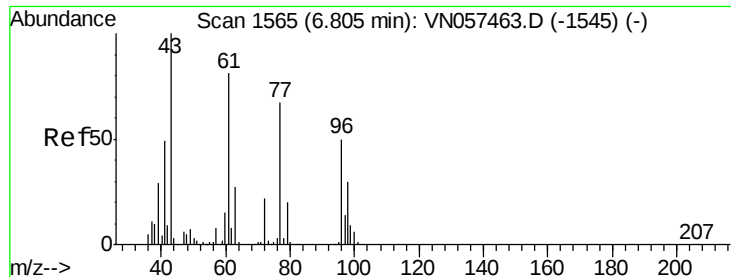
Tot Ion:	45	Resp:	322887
Ion	Ratio	Lower	Upper
45	100		
43	61.9	49.9	74.9
87	25.1	19.1	28.7
59	10.4	8.3	12.5



#21
1,1-Dichloroethane
Concen: 19.524 ug/l
RT: 5.82 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion:	63	Resp:	171226
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.4	7.1
100	3.4	2.1	6.3





#22

cis-1,2-Dichloroethene

Concen: 19.400 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

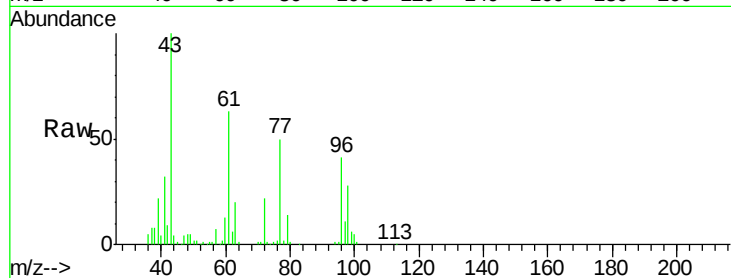
Tot Ion: 96 Resp: 94427

Ion Ratio Lower Upper

96 100

61 163.3 134.4 201.6

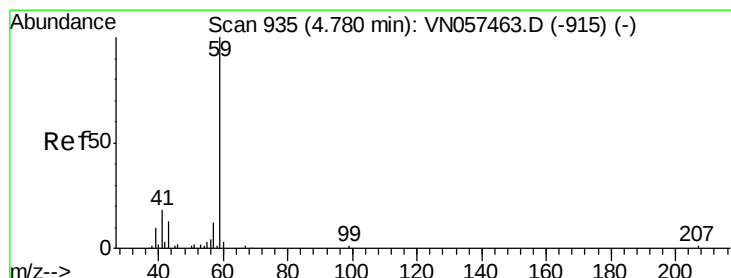
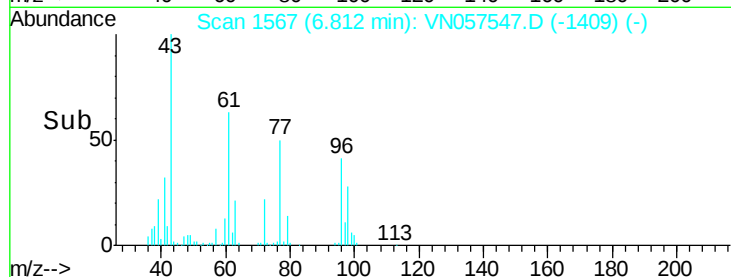
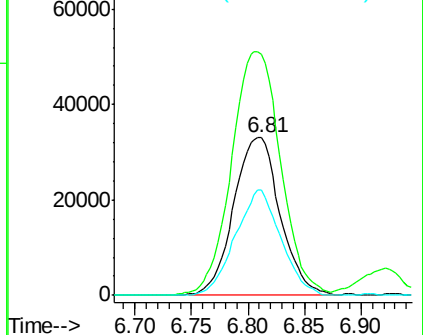
98 65.4 51.4 77.0



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



#23

tert-Butyl Alcohol

Concen: 84.656 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN057547.D

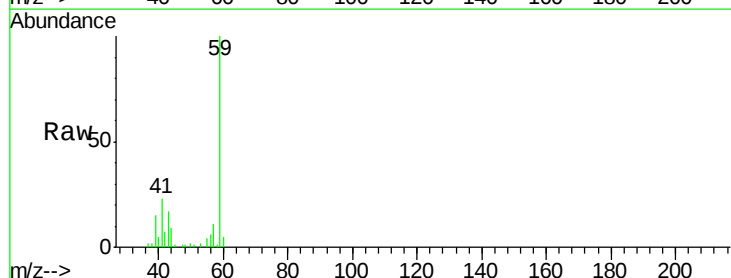
Acq: 27 Aug 2019 11:34

Tgt Ion: 59 Resp: 62361

Ion Ratio Lower Upper

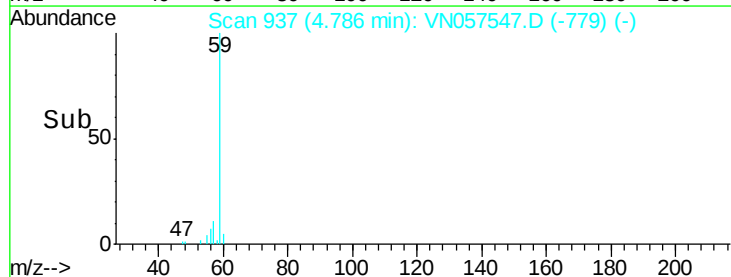
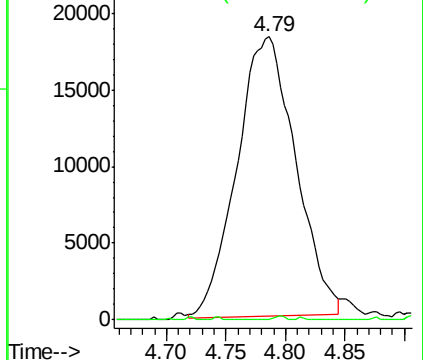
59 100

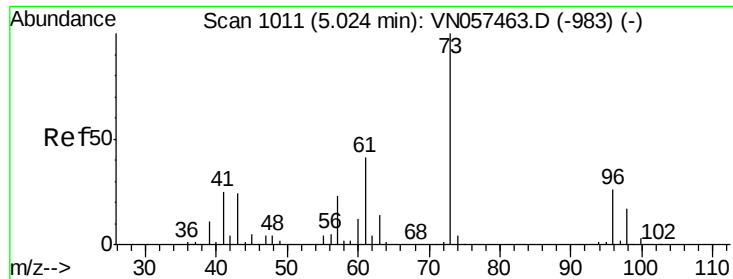
52 0.2 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

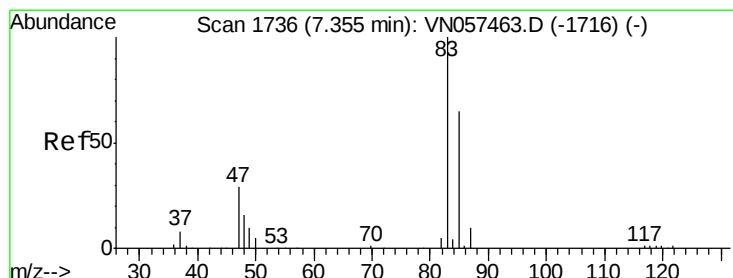
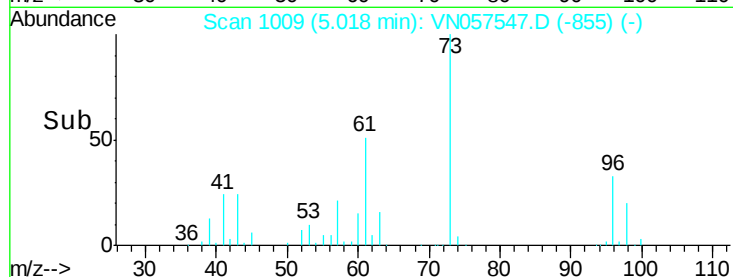
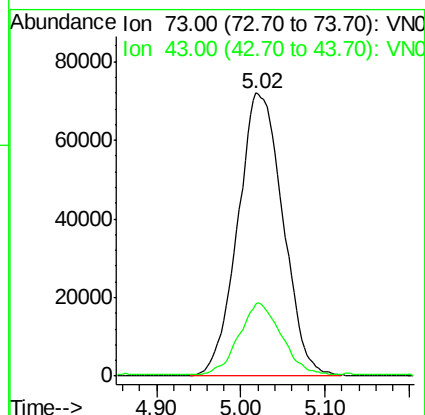
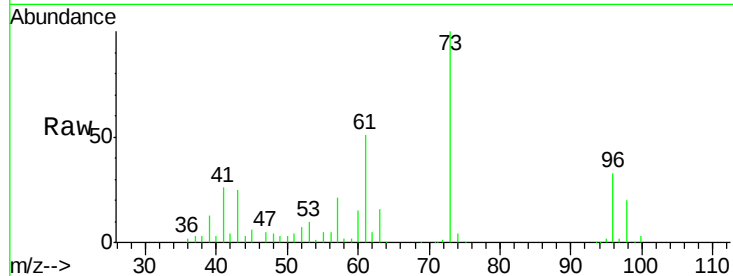




#24
Methvl tert-Butvl Ether
Concen: 20.017 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

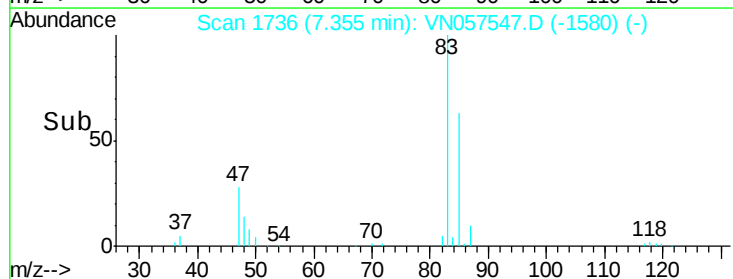
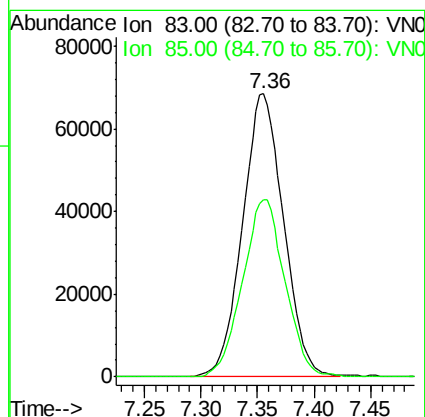
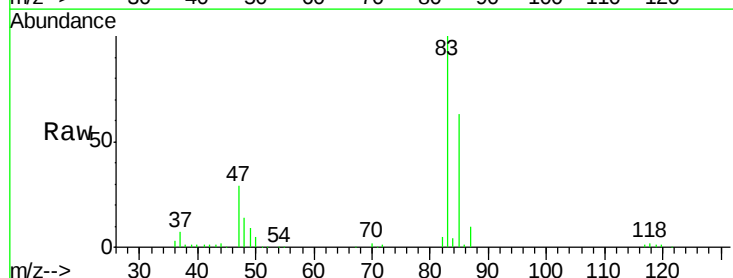
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

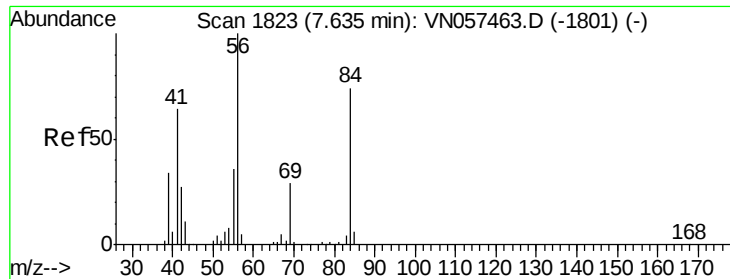
Tot Ion: 73 Resp: 267986
Ion Ratio Lower Upper
73 100
43 23.9 20.1 30.1



#25
Chloroform
Concen: 19.830 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion: 83 Resp: 172659
Ion Ratio Lower Upper
83 100
85 62.8 52.0 78.0

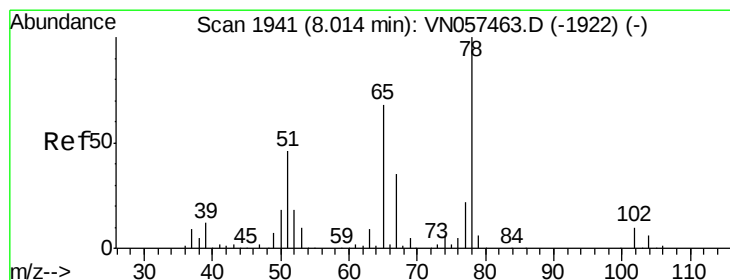
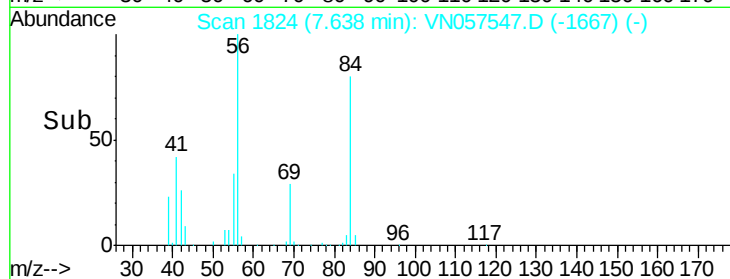
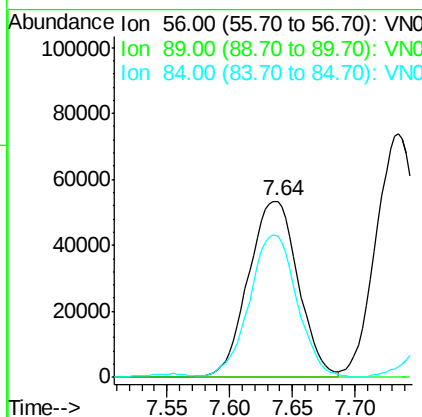
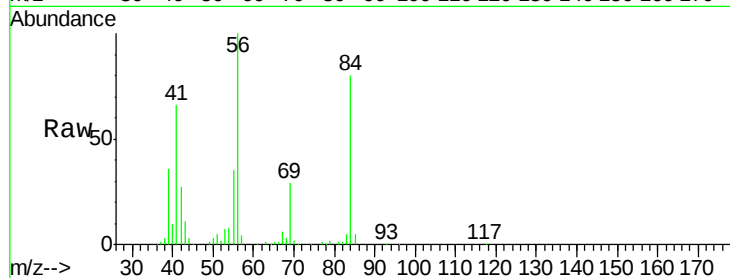




#26
Cyclohexane
Concen: 18.886 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

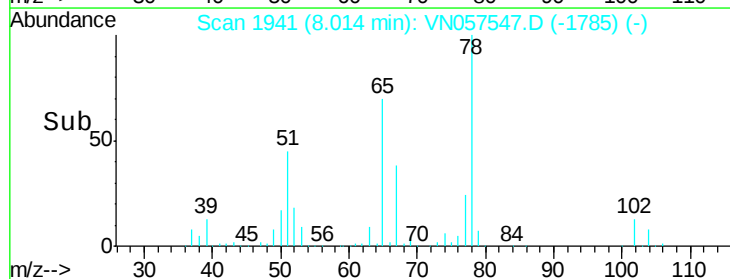
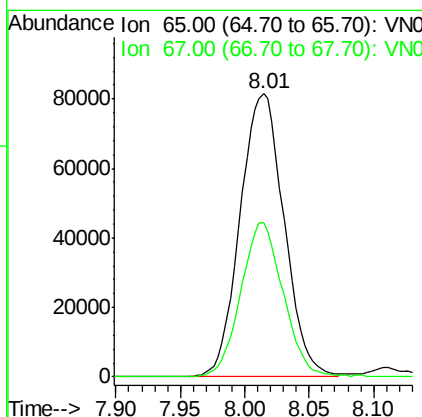
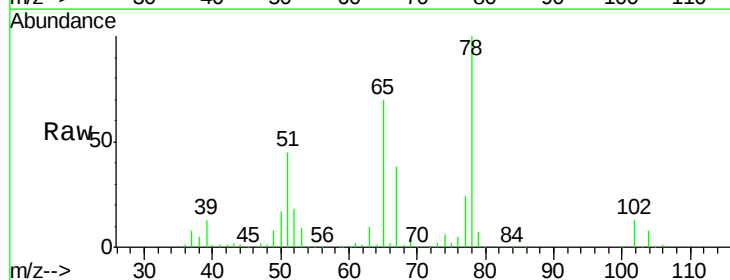
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

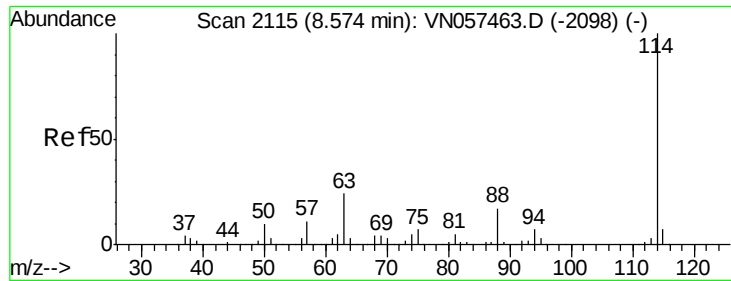
Tot Ion: 56 Resp: 147486
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 77.5 61.1 91.7



#27
1,2-Dichloroethane-d4
Concen: 29.976 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion: 65 Resp: 194004
Ion Ratio Lower Upper
65 100
67 52.5 40.2 60.4

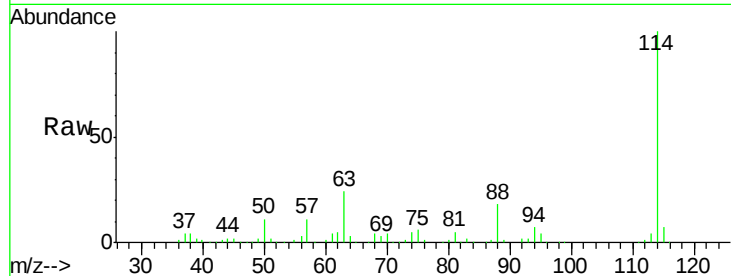




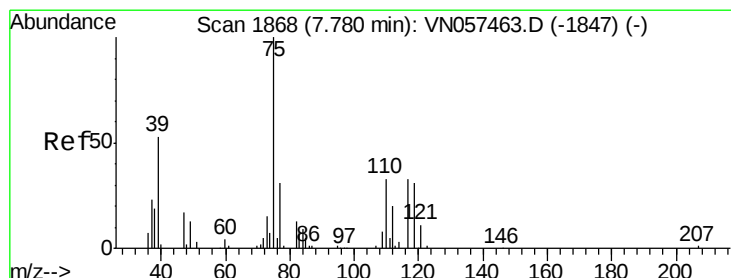
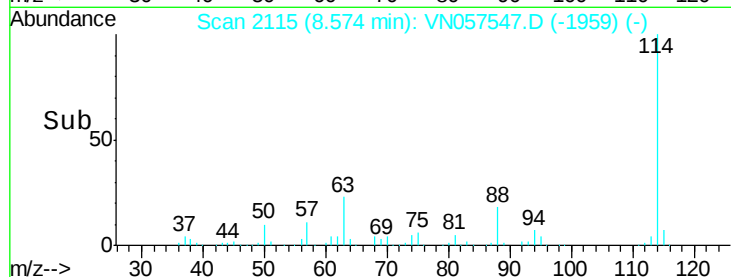
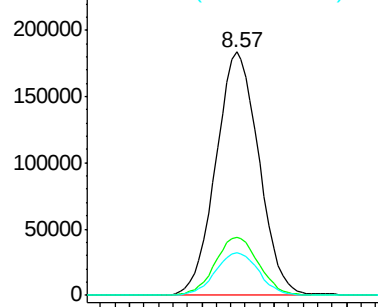
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

Tot Ion:114 Resp: 378302
 Ion Ratio Lower Upper
 114 100
 63 24.4 19.6 29.4
 88 17.7 13.1 19.7

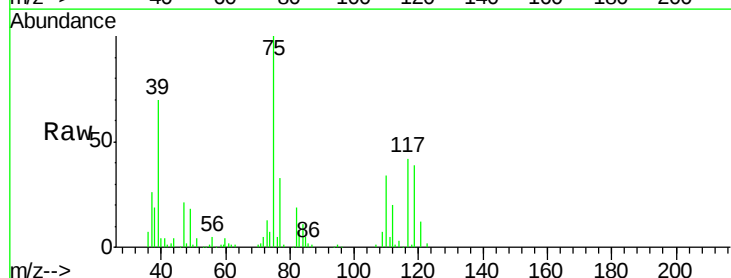


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 88.00 (87.70 to 88.70): V

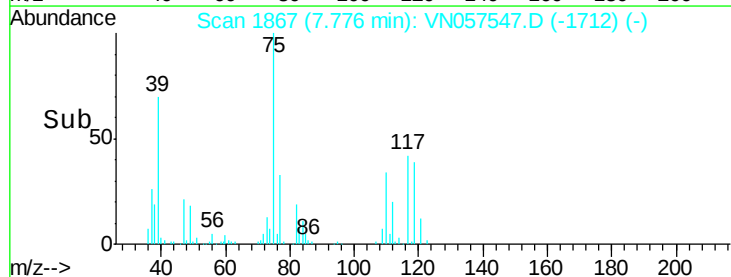
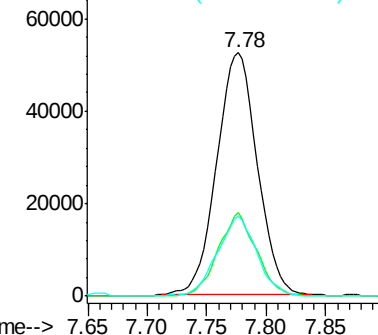


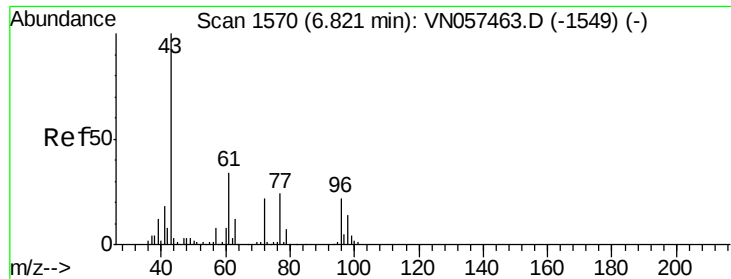
#29
 1,1-Dichloropropene
 Concen: 19.258 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion: 75 Resp: 123815
 Ion Ratio Lower Upper
 75 100
 110 32.5 0.0 64.0
 77 32.0 0.0 63.4



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): V

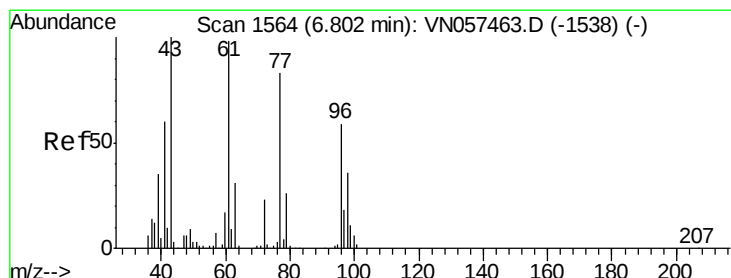
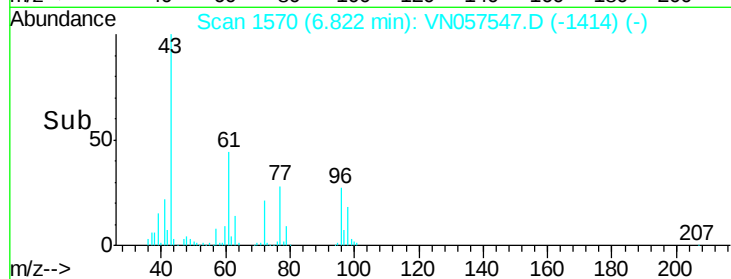
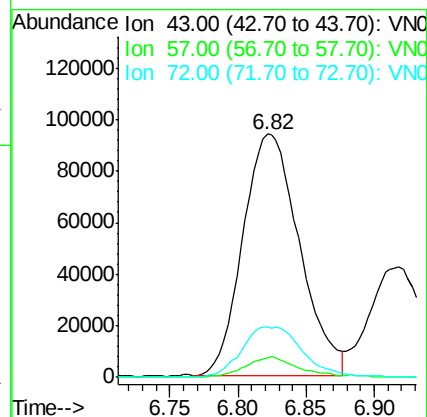
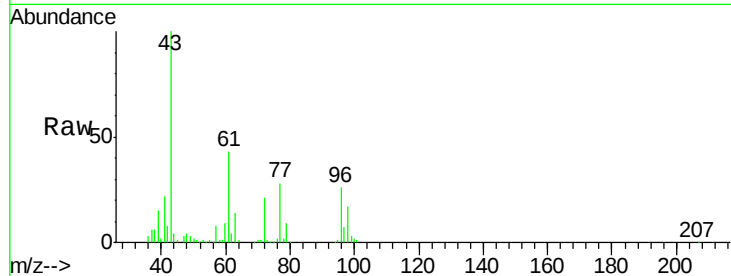




#30
 2-Butanone
 Concen: 87.448 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

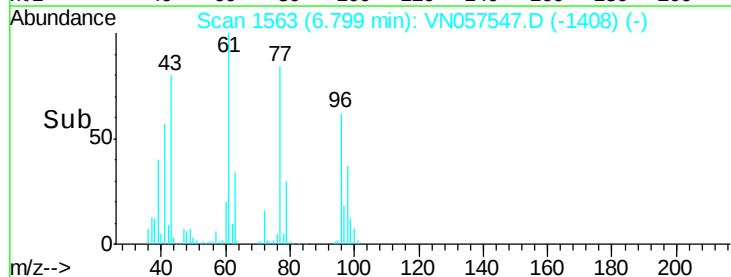
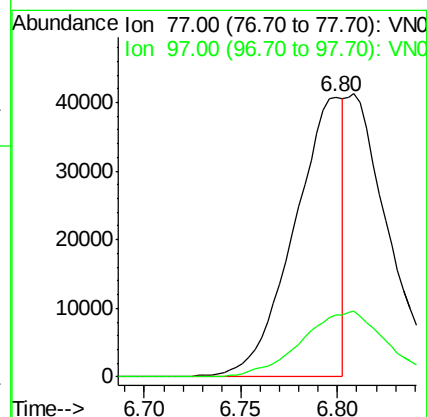
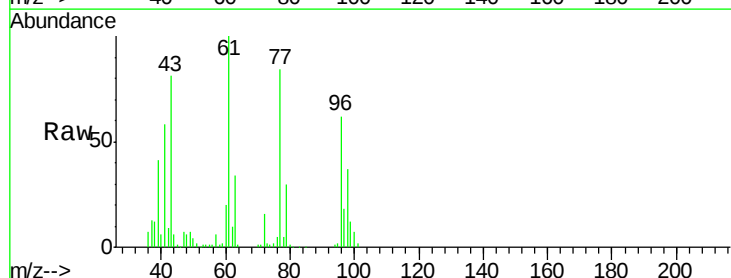
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

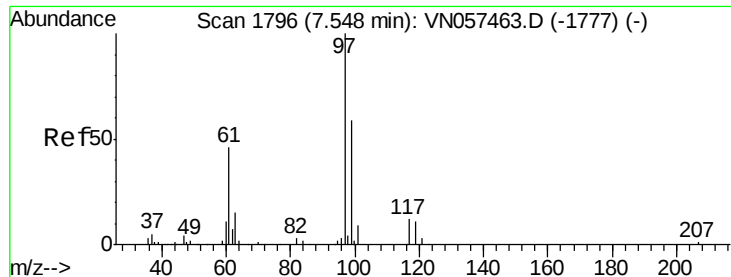
Tot Ion: 43 Resp: 270313
 Ion Ratio Lower Upper
 43 100
 57 7.8 5.7 8.5
 72 11.5 18.2 27.2#



#31
 2,2-Dichloropropane
 Concen: 9.709 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion: 77 Resp: 71318
 Ion Ratio Lower Upper
 77 100
 97 40.8 17.0 25.4#





#32

1,1,1-Trichloroethane

Concen: 19.053 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

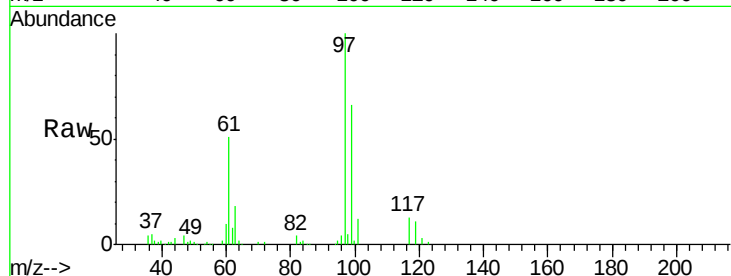
Tot Ion: 97 Resp: 140038

Ion Ratio Lower Upper

97 100

99 66.2 49.6 74.4

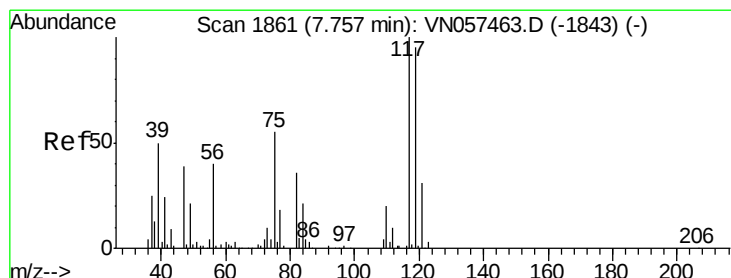
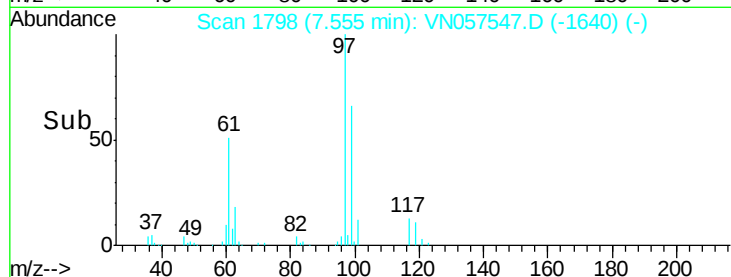
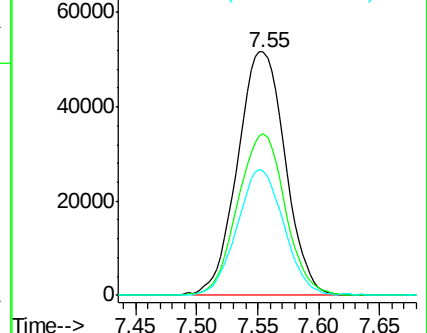
61 50.6 40.9 61.3



Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#33

Carbon Tetrachloride

Concen: 18.490 ug/l

RT: 7.76 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

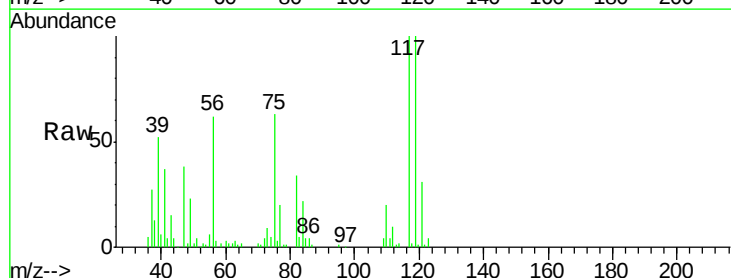
Tgt Ion: 117 Resp: 112847

Ion Ratio Lower Upper

117 100

119 99.7 76.8 115.2

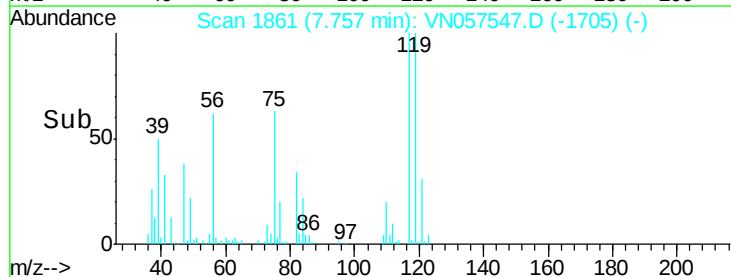
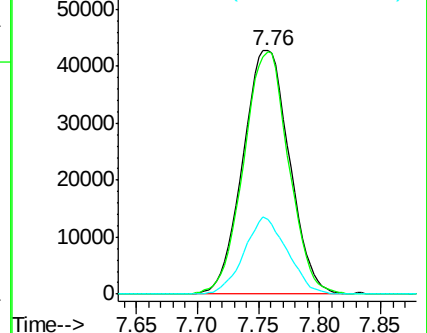
121 30.9 24.8 37.2

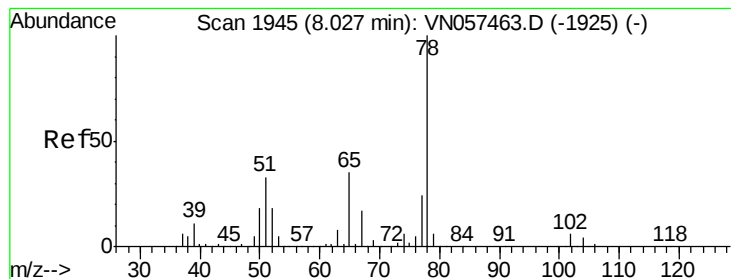


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 19.826 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

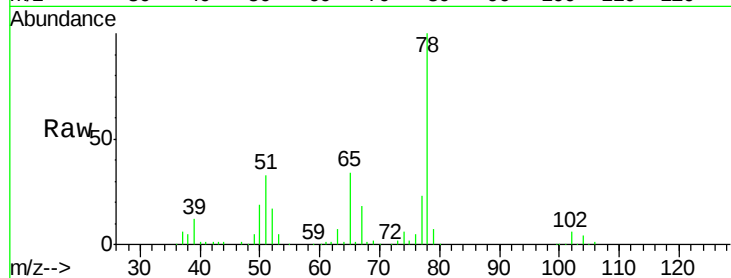
Tot Ion: 78 Resp: 374837

Ion Ratio Lower Upper

78 100

77 22.8 19.5 29.3

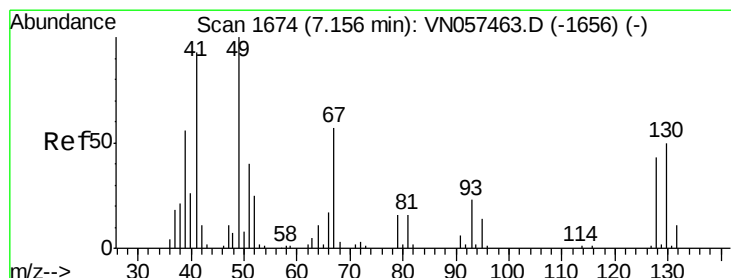
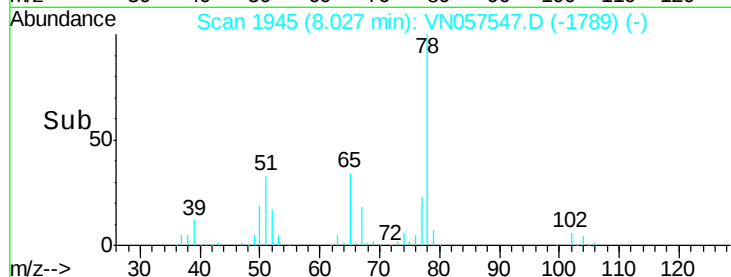
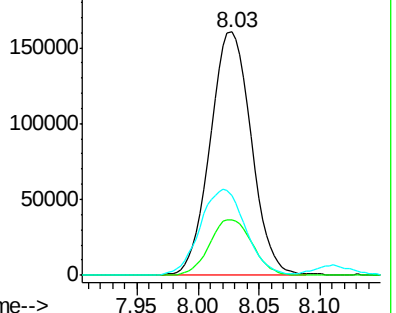
51 32.5 26.0 39.0



Abundance Ion 78.10 (77.80 to 78.80): VN057463.D (-1925) (-)

Ion 77.00 (76.70 to 77.70): VN057463.D (-1925) (-)

Ion 51.00 (50.70 to 51.70): VN057463.D (-1925) (-)



#35

Methacrylonitrile

Concen: 18.099 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Tgt Ion: 41 Resp: 56620

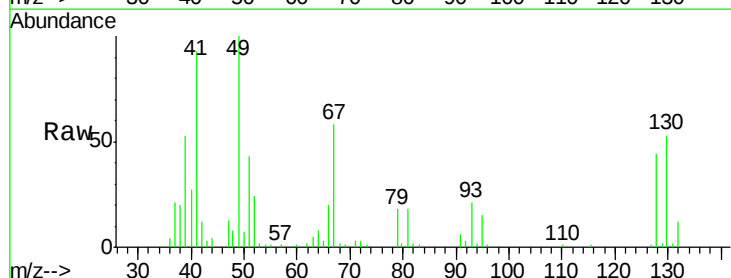
Ion Ratio Lower Upper

41 100

39 55.8 30.5 91.5

67 62.6 30.9 92.5

52 26.3 13.6 40.8

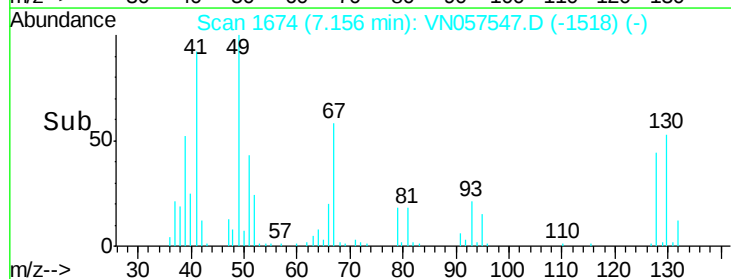
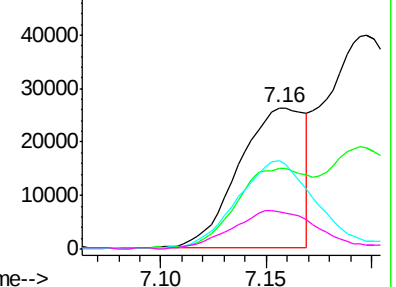


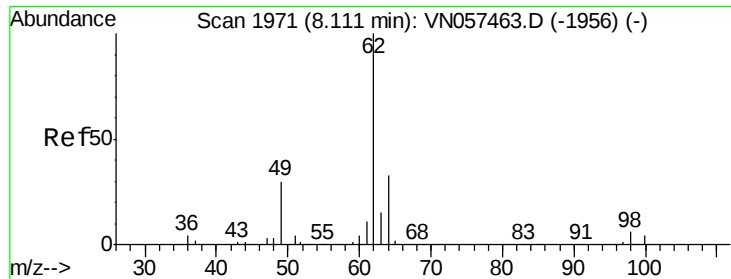
Abundance Ion 41.00 (40.70 to 41.70): VN057463.D (-1656) (-)

Ion 39.00 (38.70 to 39.70): VN057463.D (-1656) (-)

Ion 67.00 (66.70 to 67.70): VN057463.D (-1656) (-)

Ion 52.00 (51.70 to 52.70): VN057463.D (-1656) (-)

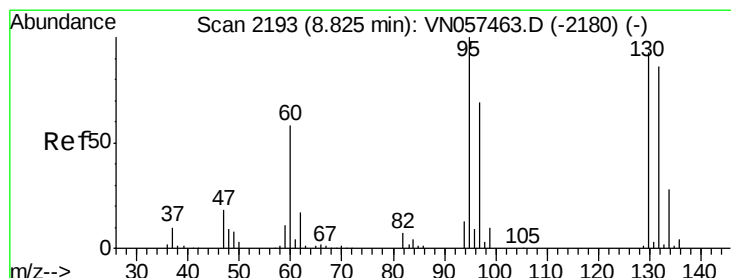
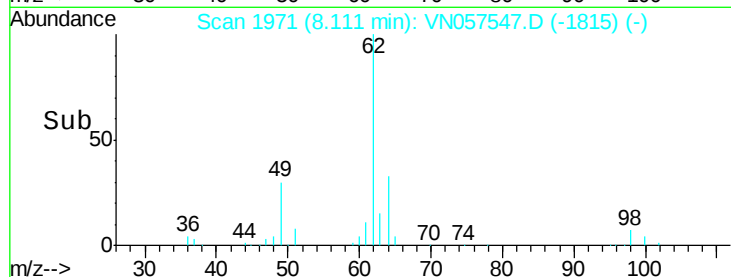
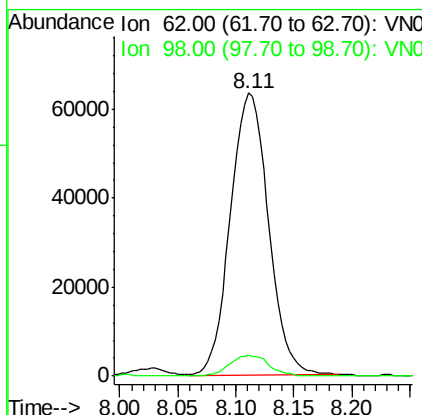
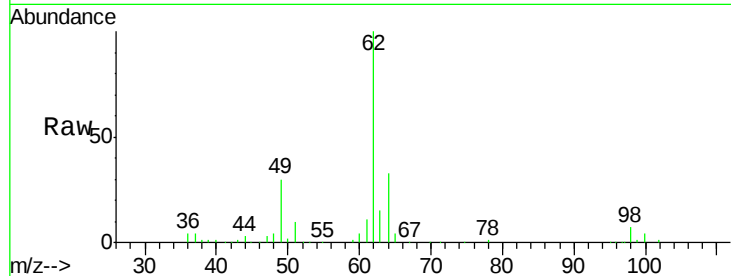




#36
 1,2-Dichloroethane
 Concen: 19.581 ug/l
 RT: 8.11 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

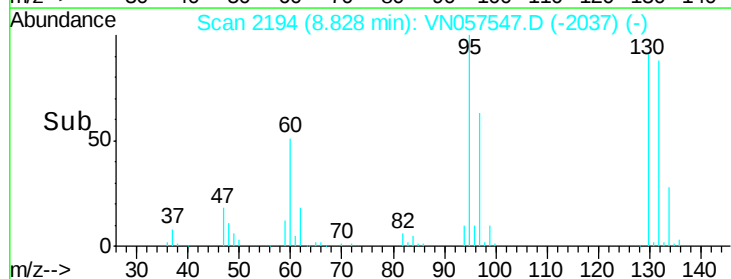
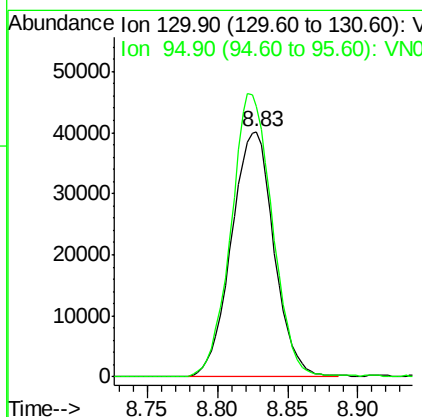
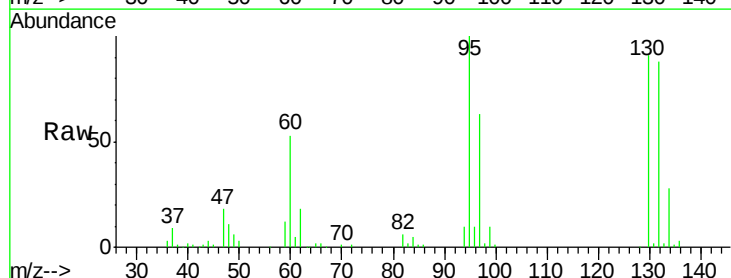
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

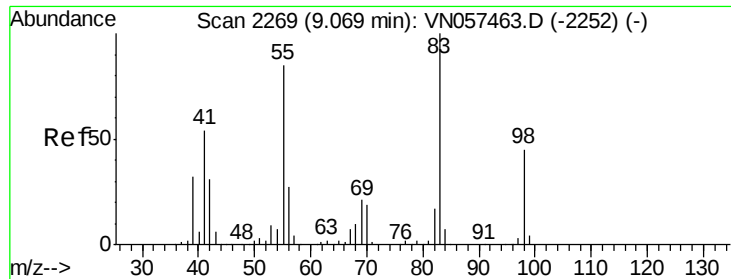
Tot Ion: 62 Resp: 145125
 Ion Ratio Lower Upper
 62 100
 98 7.6 2.8 4.2#



#37
 Trichloroethene
 Concen: 19.694 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion:130 Resp: 84952
 Ion Ratio Lower Upper
 130 100
 95 109.6 86.4 129.6

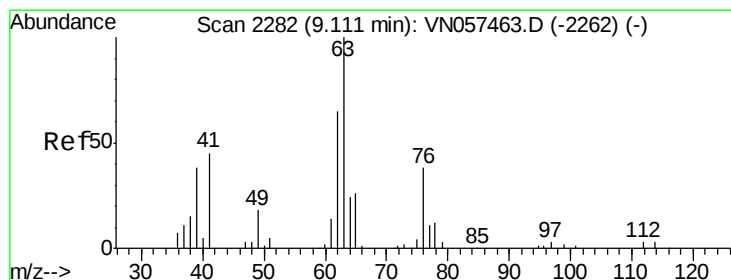
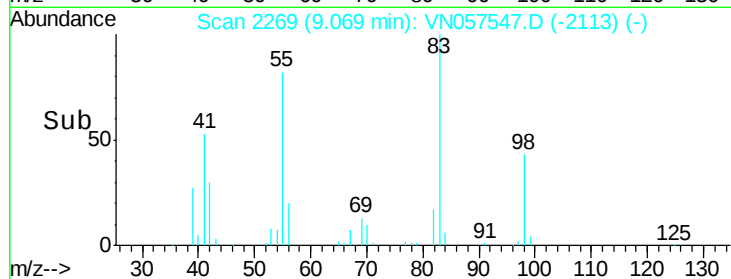
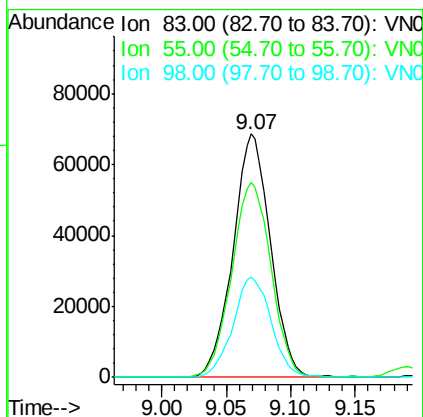
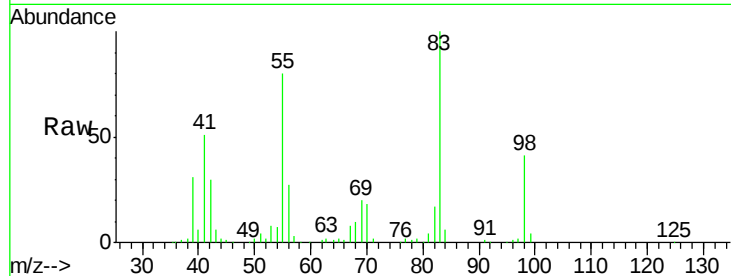




#38
Methylcyclohexane
Concen: 19.204 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

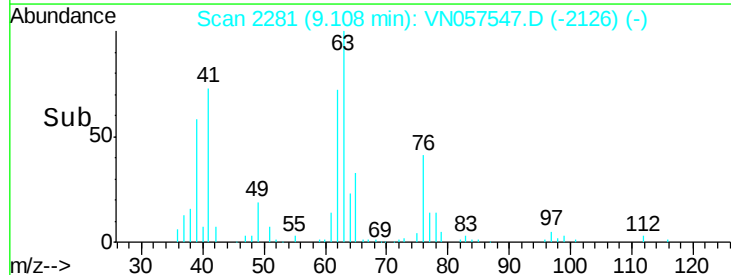
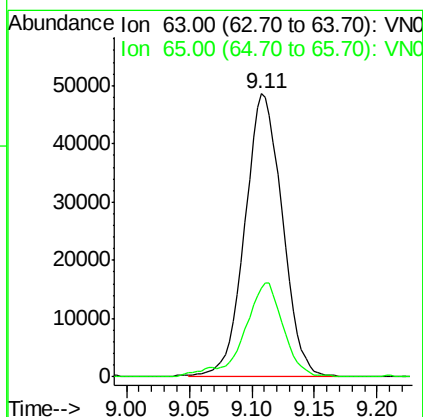
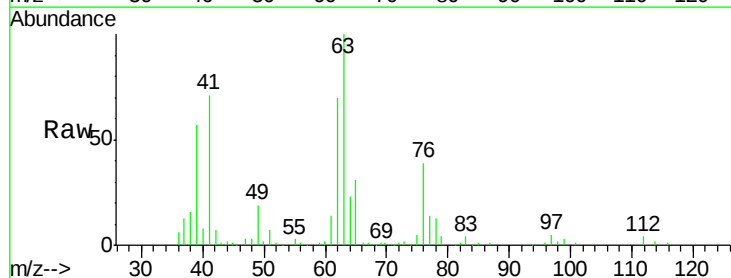
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

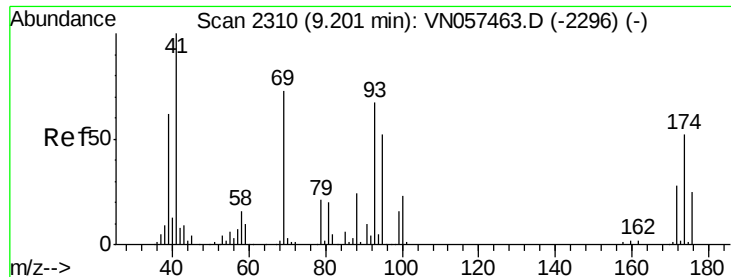
Tot Ion: 83 Resp: 138583
Ion Ratio Lower Upper
83 100
55 84.1 43.3 129.8
98 42.1 22.8 68.4



#39
1,2-Dichloropropane
Concen: 18.827 ug/l
RT: 9.11 min Scan# 2281
Delta R.T. -0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion: 63 Resp: 101214
Ion Ratio Lower Upper
63 100
65 31.4 21.6 32.4





#40

Dibromomethane

Concen: 19.219 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

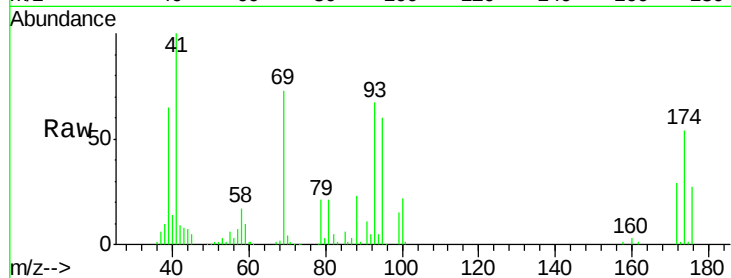
Tot Ion: 93 Resp: 63144

Ion Ratio Lower Upper

93 100

95 85.7 0.0 160.8

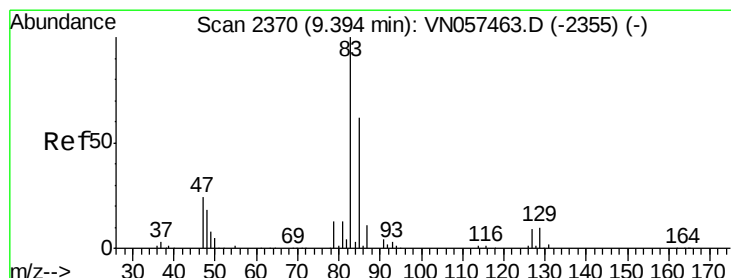
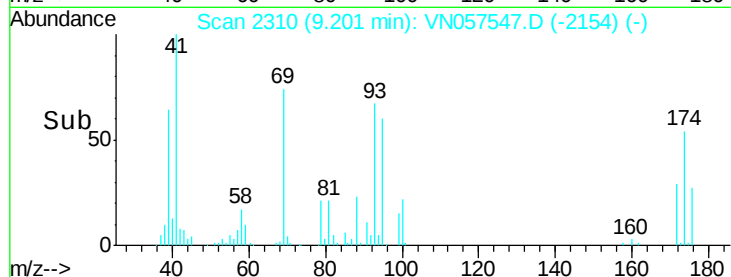
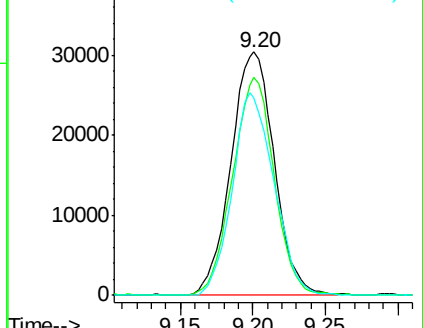
174 79.8 0.0 157.2



Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 18.694 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

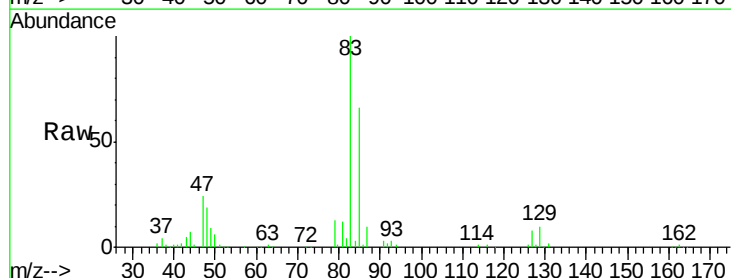
Tgt Ion: 83 Resp: 130260

Ion Ratio Lower Upper

83 100

85 66.0 49.8 74.8

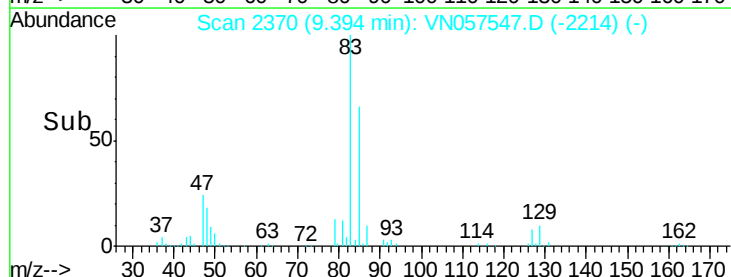
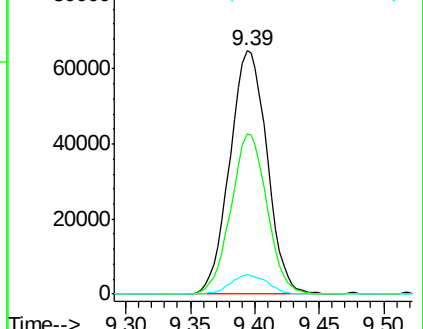
127 8.0 7.6 11.4

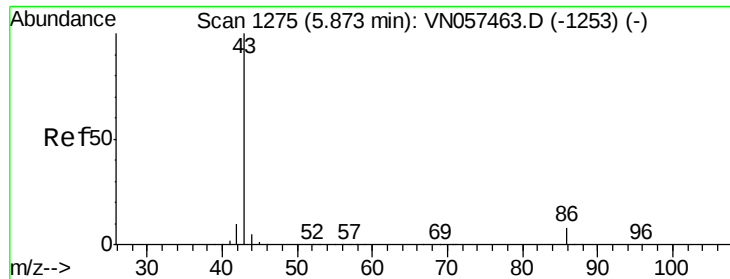


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): V

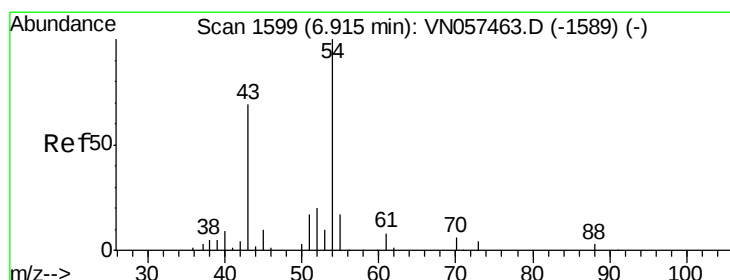
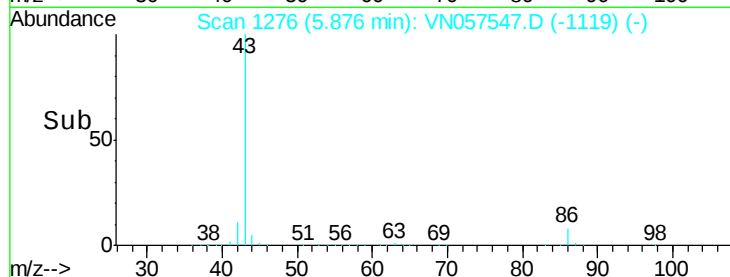
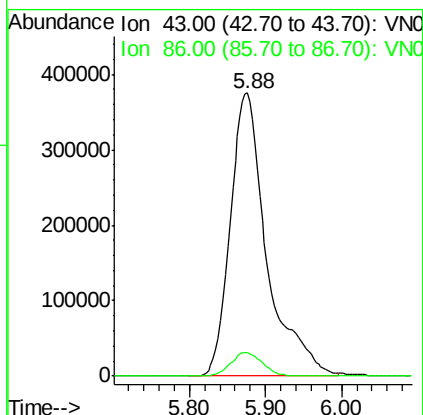
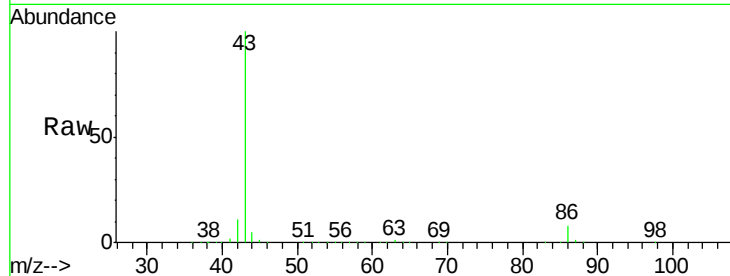




#42
 Vinyl Acetate
 Concen: 90.192 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

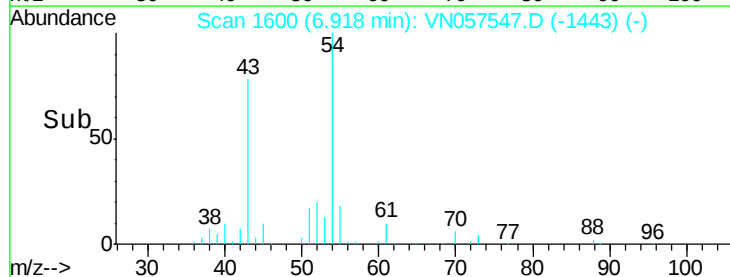
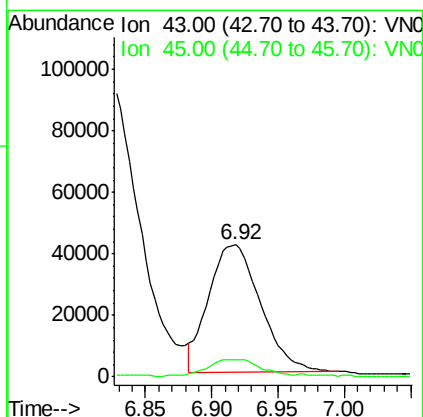
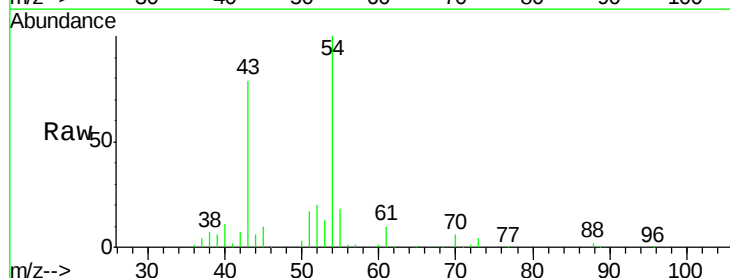
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

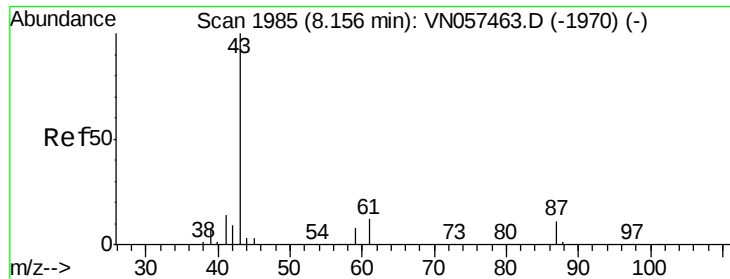
Tot Ion: 43 Resp: 1247639
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.7 8.5



#43
 Ethyl Acetate
 Concen: 18.774 ug/l
 RT: 6.92 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion: 43 Resp: 112960
 Ion Ratio Lower Upper
 43 100
 45 6.1 11.0 16.4#



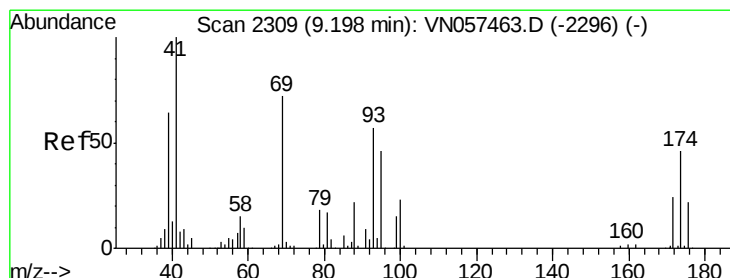
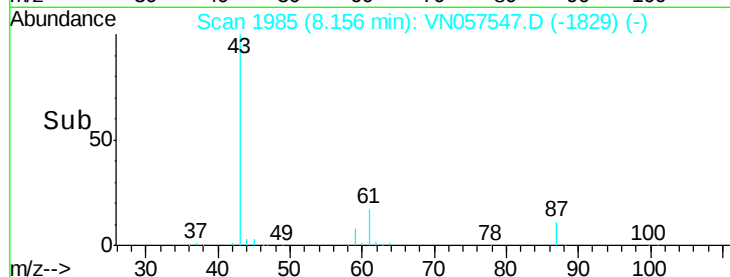
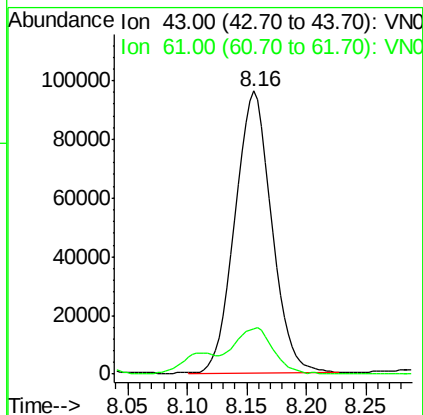
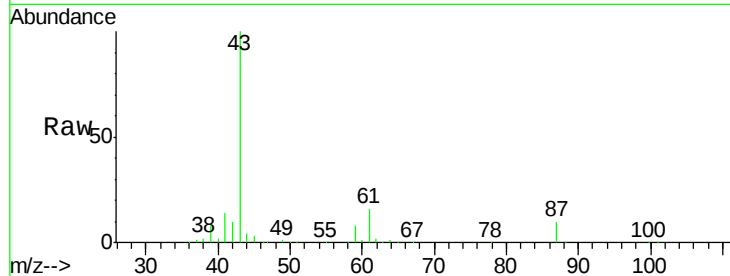


#44

Isopropyl Acetate
 Concen: 17.910 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0827WBSD01

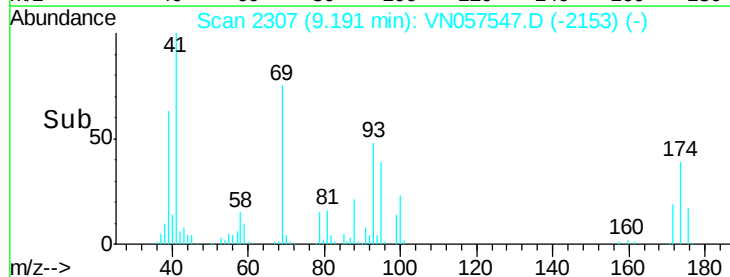
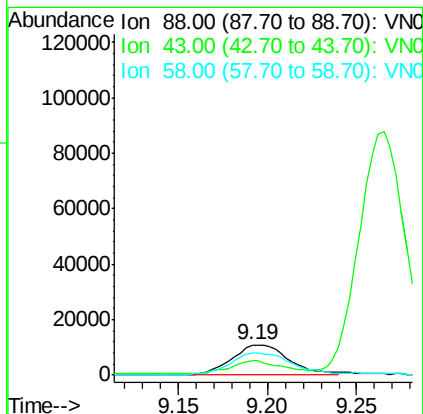
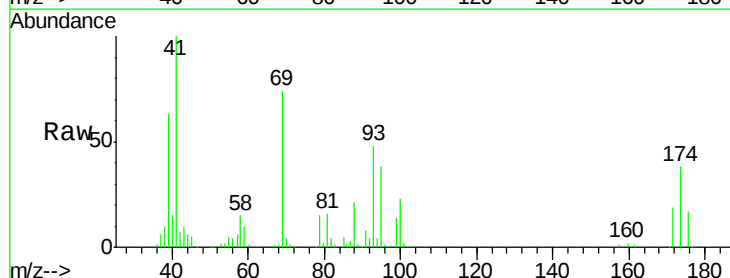
Tot Ion: 43 Resp: 205714
 Ion Ratio Lower Upper
 43 100
 61 16.1 0.1 0.1#

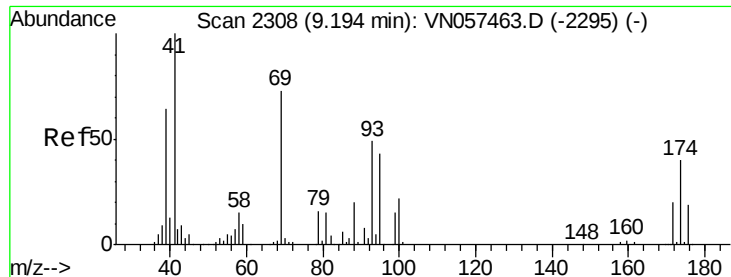


#45

1,4-Dioxane
 Concen: 354.553 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion: 88 Resp: 24478
 Ion Ratio Lower Upper
 88 100
 43 37.8 29.8 44.6
 58 79.4 62.2 93.2

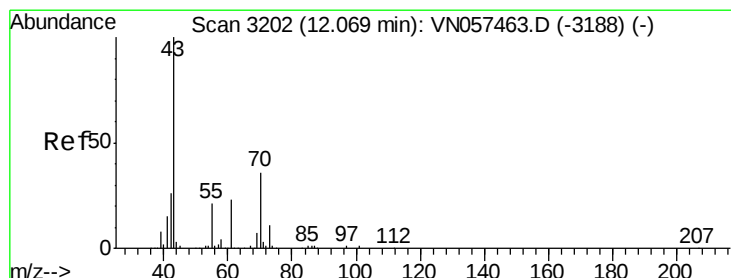
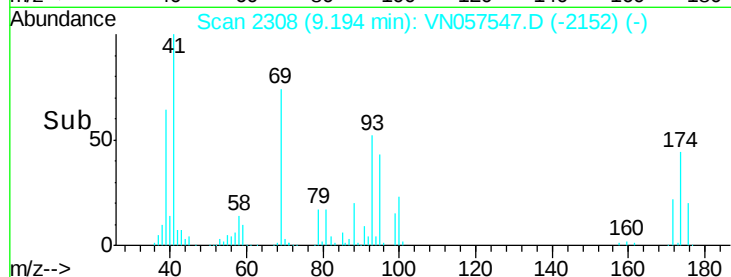
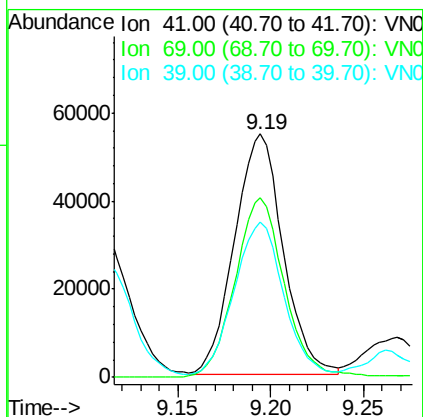
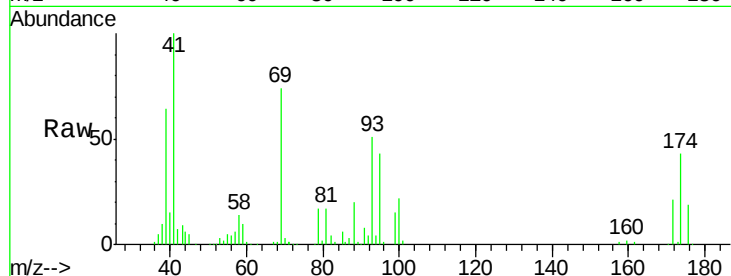




#46
Methyl methacrylate
Concen: 18.341 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

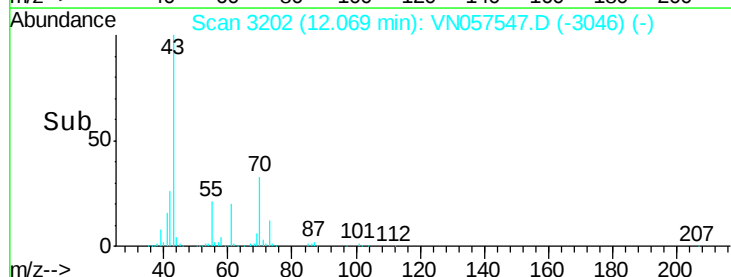
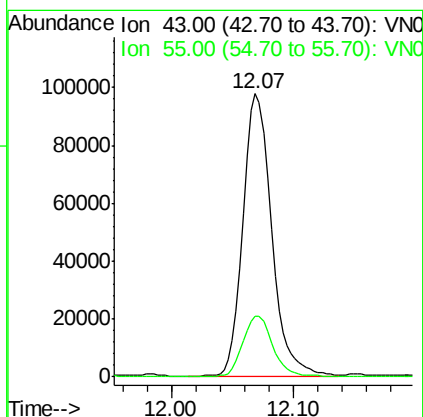
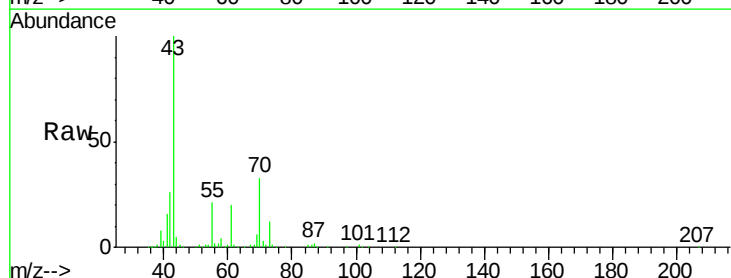
Instrument :
MSVOA_N
ClientSampled :
VN0827WBSD01

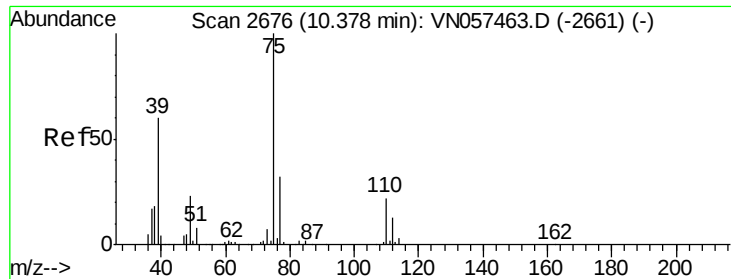
Tot Ion: 41 Resp: 100042
Ion Ratio Lower Upper
41 100
69 74.8 36.5 109.5
39 63.7 32.1 96.3



#47
n-ethyl acetate
Concen: 17.055 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion: 43 Resp: 157660
Ion Ratio Lower Upper
43 100
55 22.3 17.0 25.6





#48

t-1,3-Dichloropropene

Concen: 17.497 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampled :

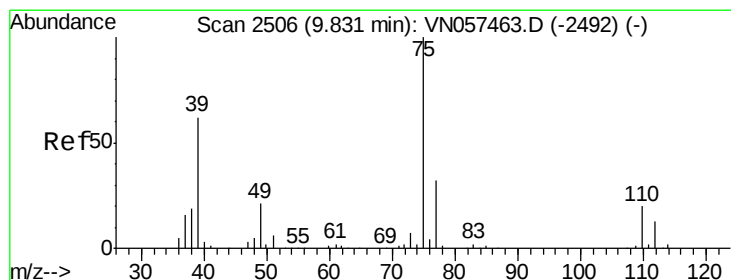
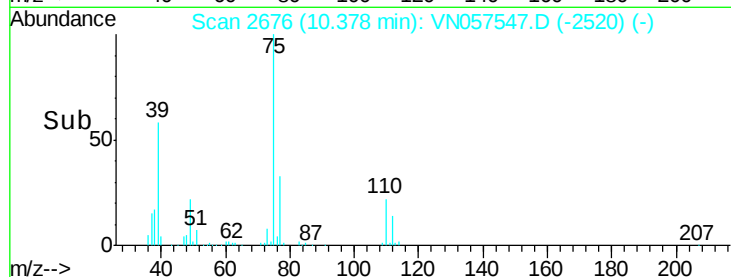
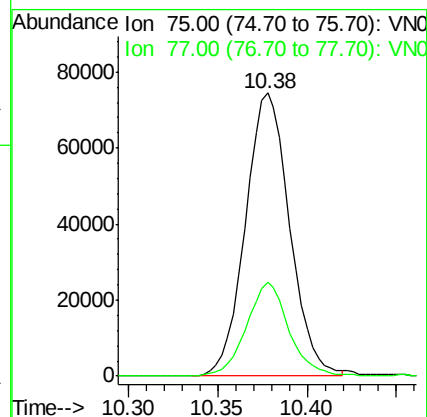
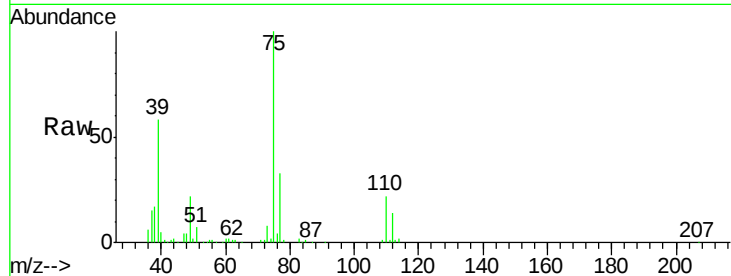
VN0827WBSD01

Tot Ion: 75 Resp: 128798

Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5



#49

cis-1,3-Dichloropropene

Concen: 18.244 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

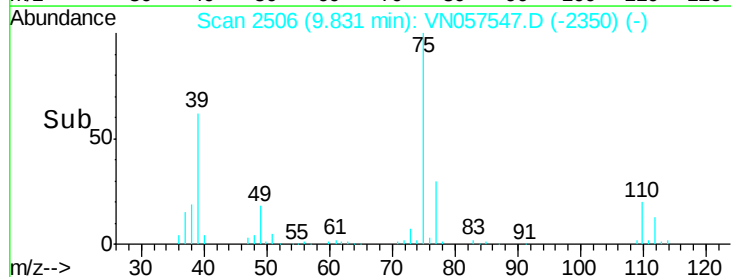
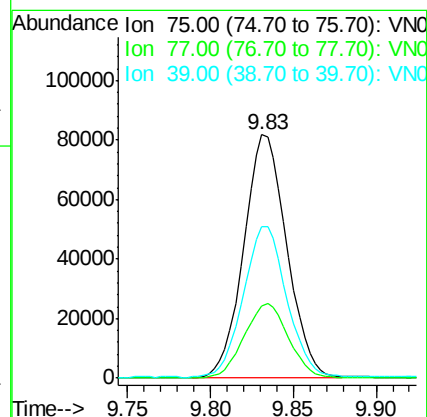
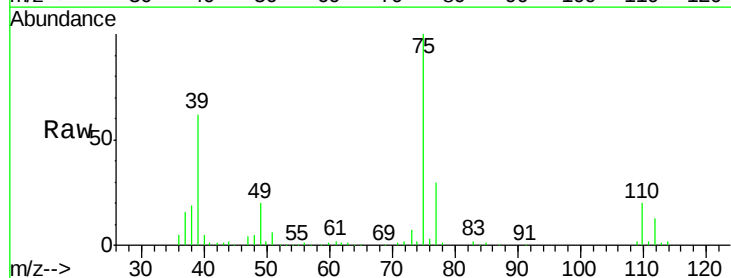
Tgt Ion: 75 Resp: 147611

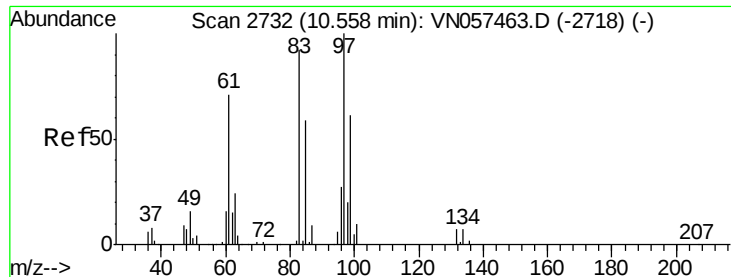
Ion Ratio Lower Upper

75 100

77 29.5 25.4 38.0

39 61.5 49.8 74.6

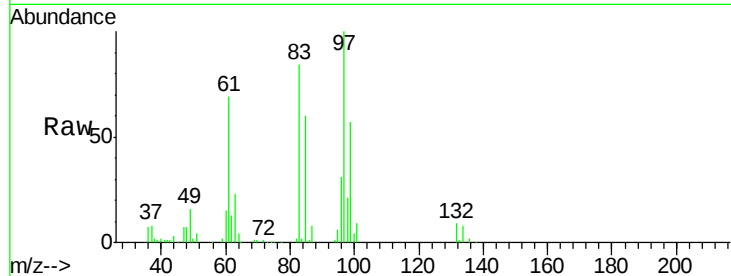




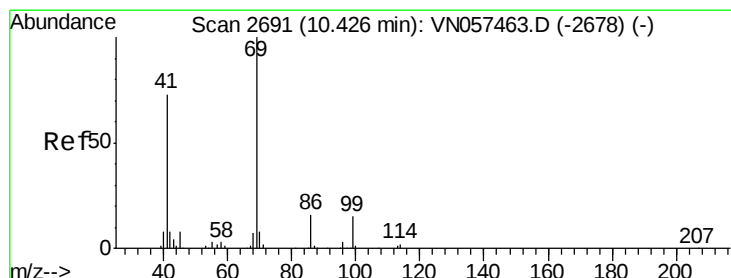
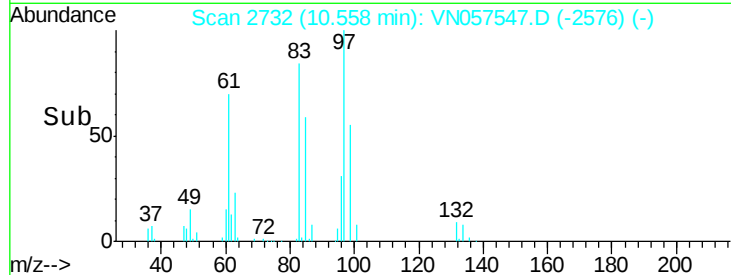
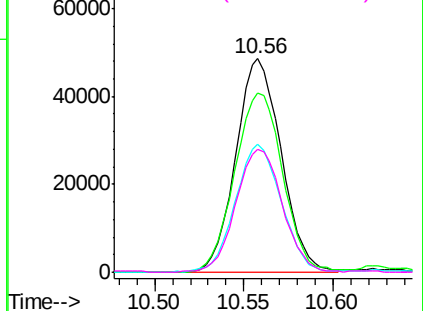
#50
 1,1,2-Trichloroethane
 Concen: 20.036 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

Tot Ion:	97	Resp:	86317
Ion	Ratio	Lower	Upper
97	100		
83	83.5	73.2	109.8
85	59.3	47.1	70.7
99	56.9	49.0	73.4

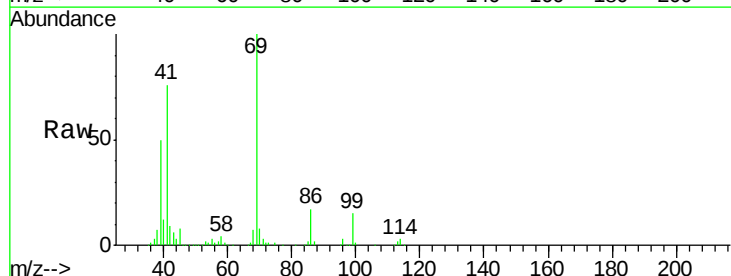


Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO

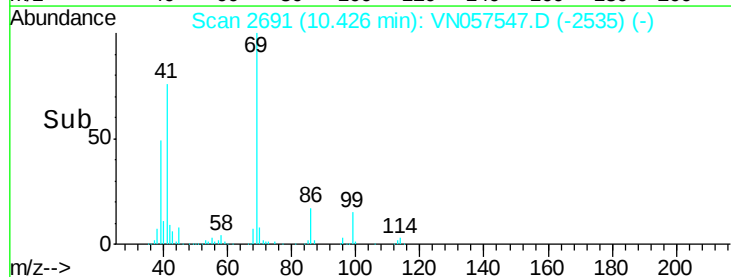
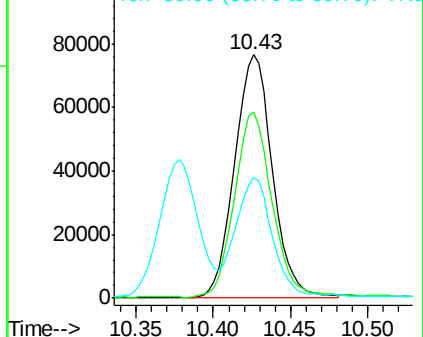


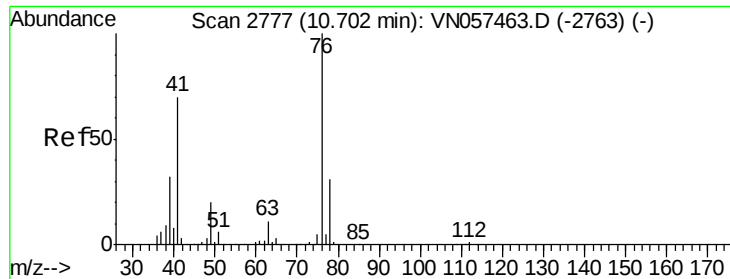
#51
 Ethyl methacrylate
 Concen: 18.207 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion:	69	Resp:	130389
Ion	Ratio	Lower	Upper
69	100		
41	75.8	37.0	111.1
39	48.3	24.4	73.4



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





#52

1,3-Dichloropropane

Concen: 19.293 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

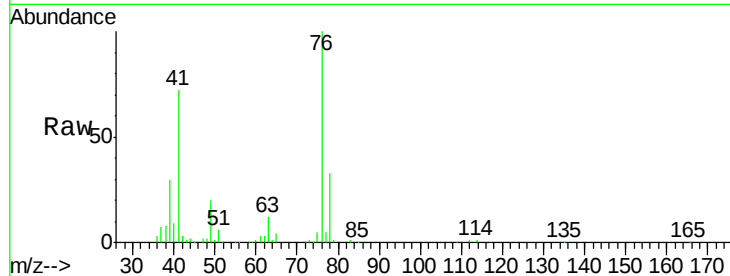
VN0827WBSD01

Tot Ion: 76 Resp: 151534

Ion Ratio Lower Upper

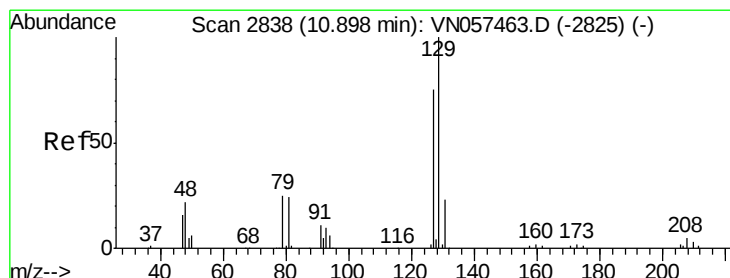
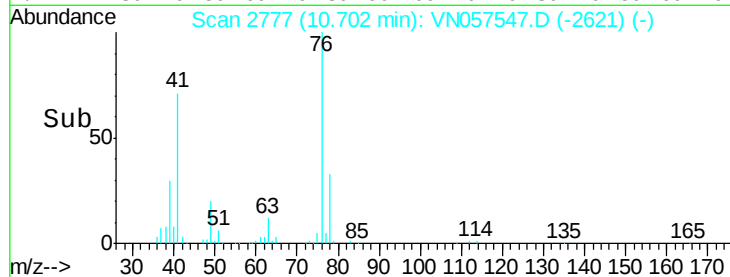
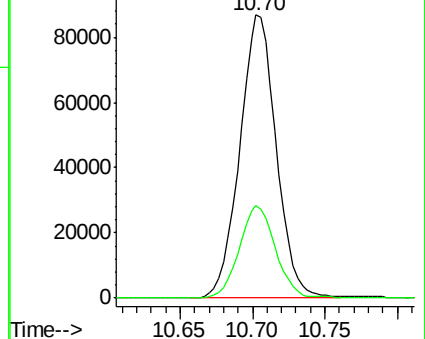
76 100

78 32.6 0.0 63.0



Abundance Ion 76.00 (75.70 to 76.70): VN057463.D (-2763) (-)

Ion 78.00 (77.70 to 78.70): VN057463.D (-2763) (-)



#53

Dibromochloromethane

Concen: 17.722 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN057547.D

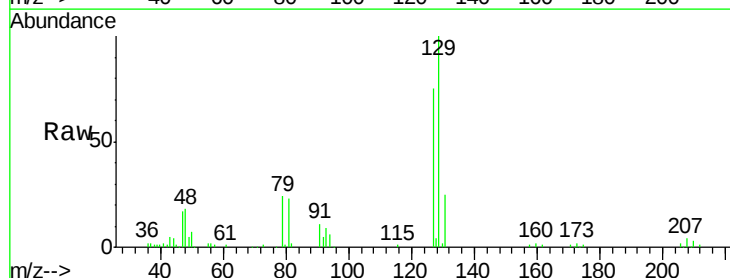
Acq: 27 Aug 2019 11:34

Tgt Ion: 129 Resp: 81391

Ion Ratio Lower Upper

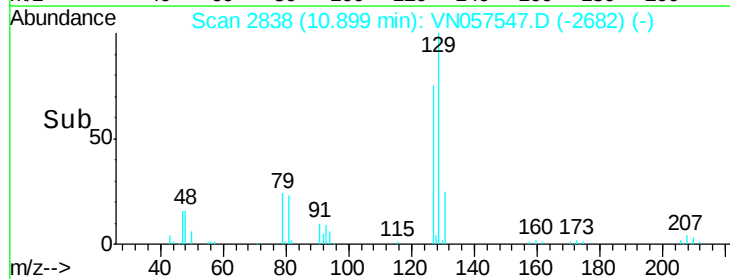
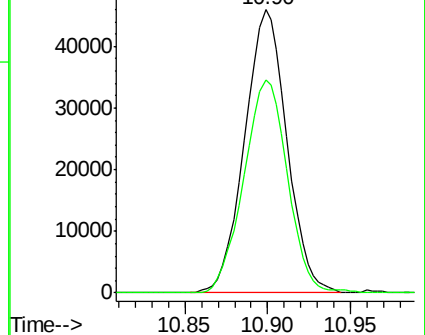
129 100

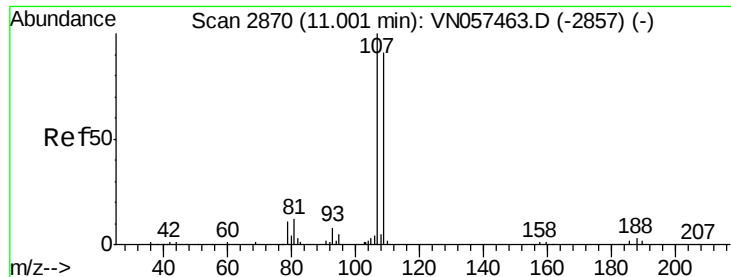
127 77.7 38.1 114.3



Abundance Ion 129.00 (128.70 to 129.70): VN057463.D (-2825) (-)

Ion 127.00 (126.70 to 127.70): VN057463.D (-2825) (-)





#54

1,2-Dibromoethane

Concen: 18.739 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

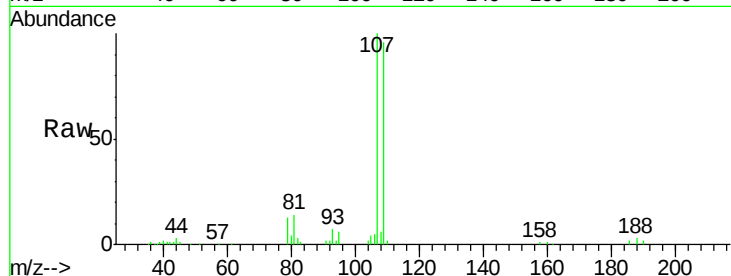
VN0827WBSD01

Tot Ion:107 Resp: 82603

Ion Ratio Lower Upper

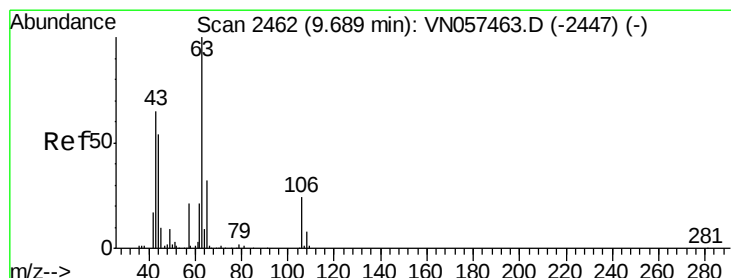
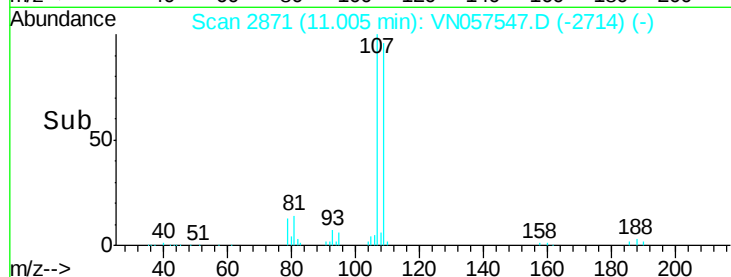
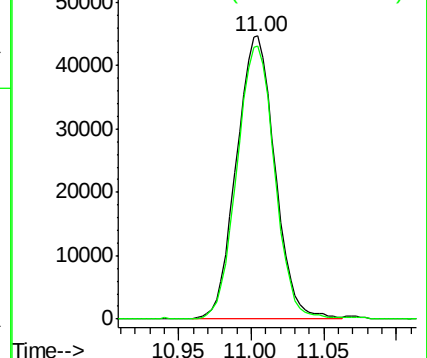
107 100

109 94.5 73.2 109.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 102.390 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

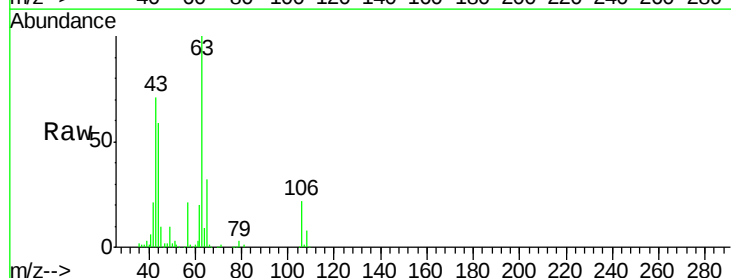
Tgt Ion: 63 Resp: 180754

Ion Ratio Lower Upper

63 100

65 31.9 25.1 37.7

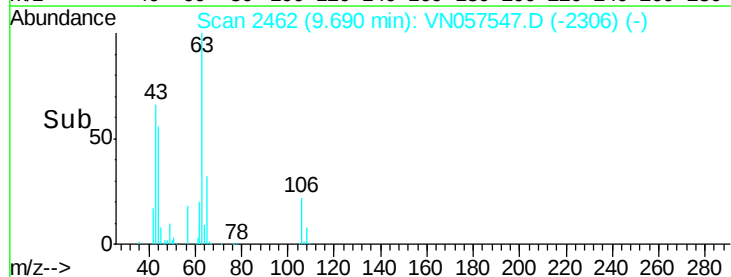
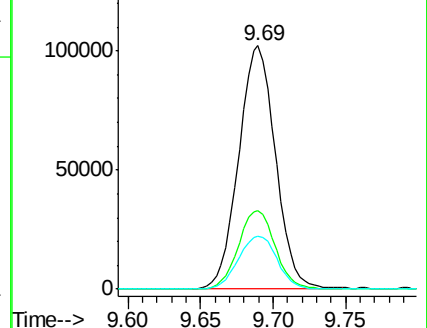
106 22.7 18.7 28.1

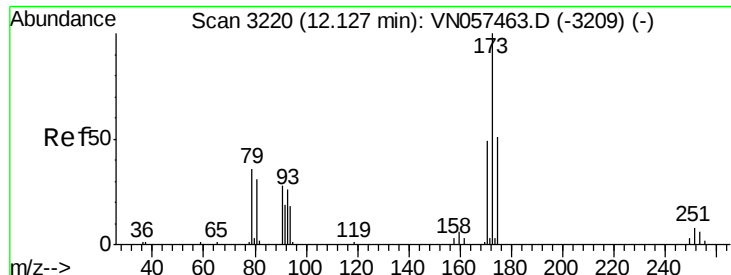


Abundance Ion 63.00 (62.70 to 63.70): VNO

Ion 65.00 (64.70 to 65.70): VNO

Ion 106.00 (105.70 to 106.70): V

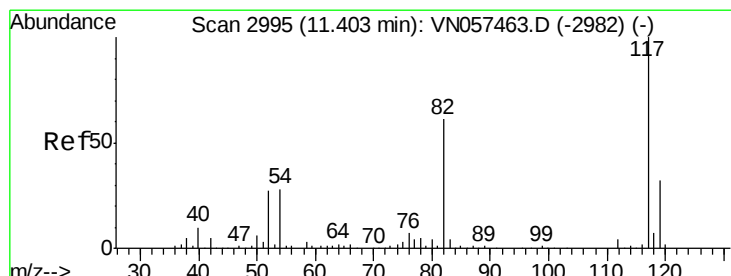
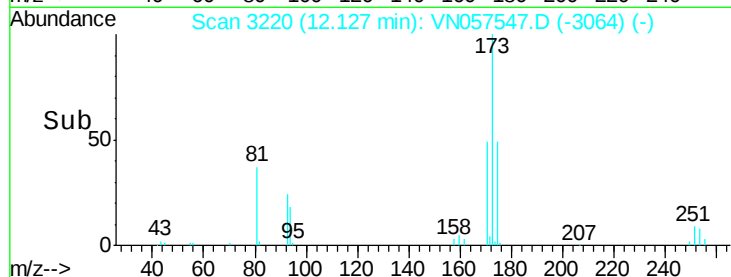
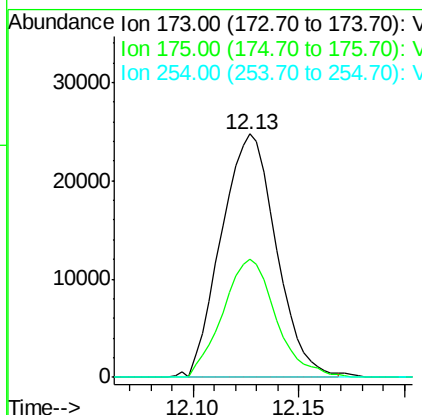
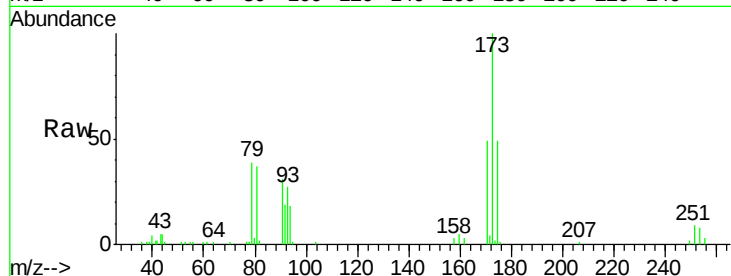




#56
Bromoform
Concen: 16.283 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

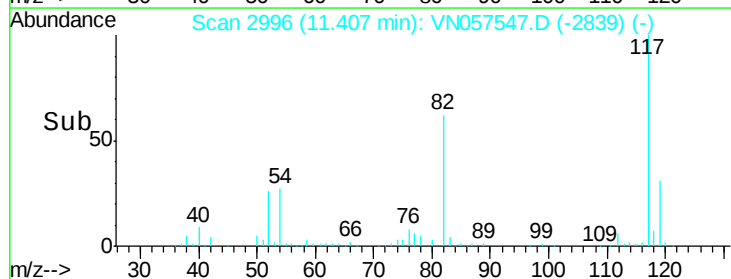
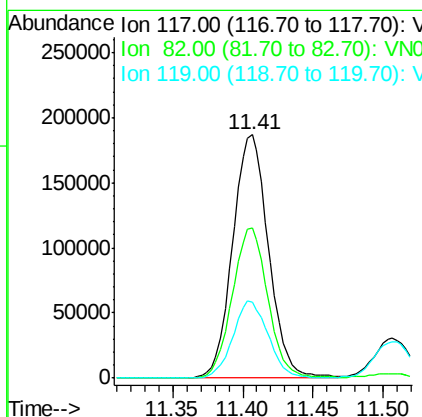
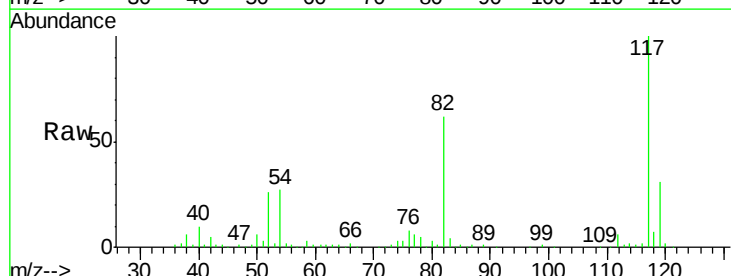
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

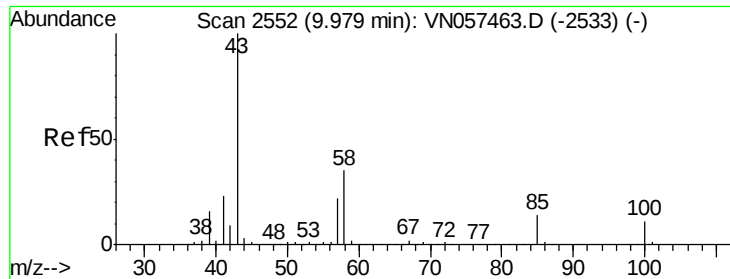
Tot Ion:173 Resp: 44632
Ion Ratio Lower Upper
173 100
175 47.3 40.1 60.1
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion:117 Resp: 333443
Ion Ratio Lower Upper
117 100
82 61.2 50.4 75.6
119 31.3 25.4 38.2





#58

4-Methyl-2-Pentanone

Concen: 90.464 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

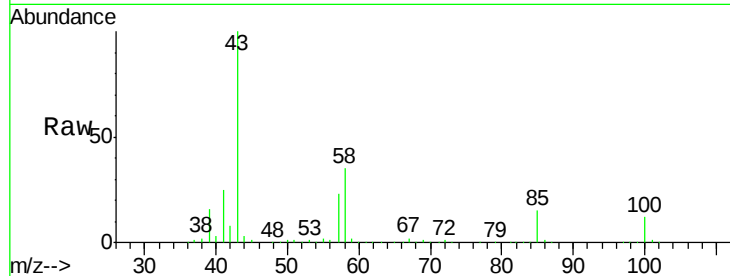
Tot Ion: 43 Resp: 591756

Ion Ratio Lower Upper

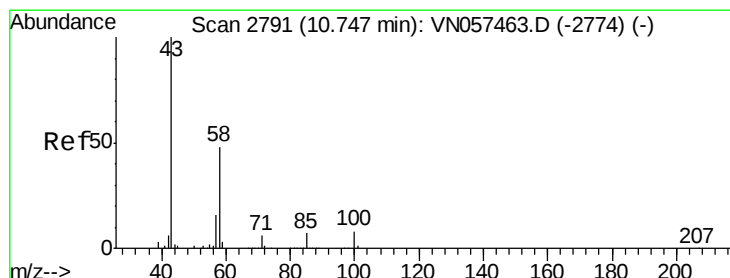
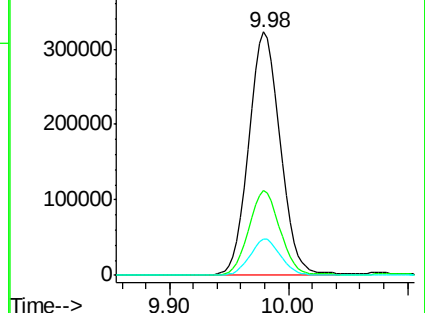
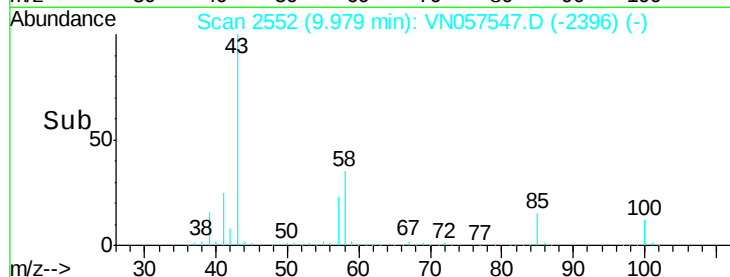
43 100

58 34.6 28.0 42.0

85 14.5 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 85.00 (84.70 to 85.70): VN0



#59

2-Hexanone

Concen: 86.552 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

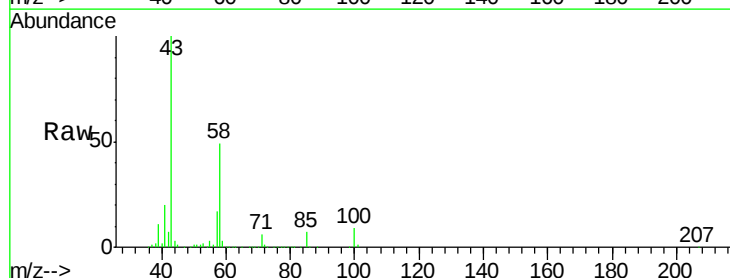
Tgt Ion: 43 Resp: 392430

Ion Ratio Lower Upper

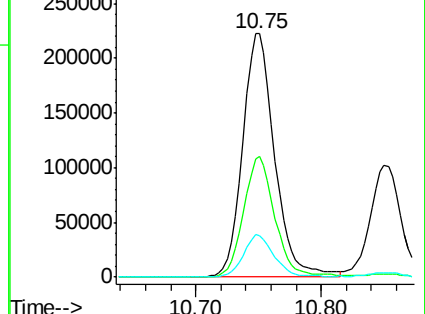
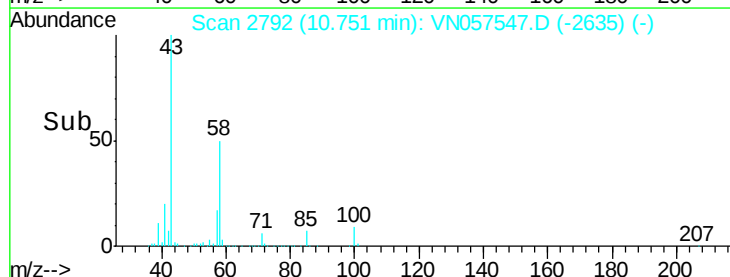
43 100

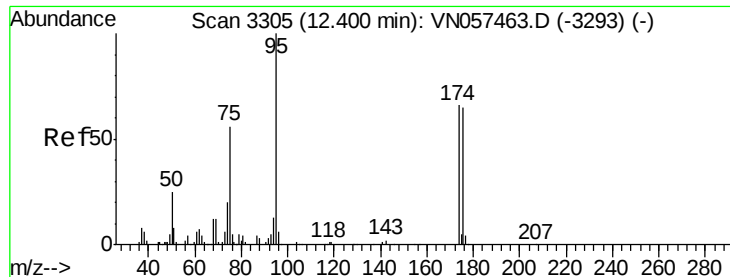
58 49.2 38.9 58.3

57 16.7 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

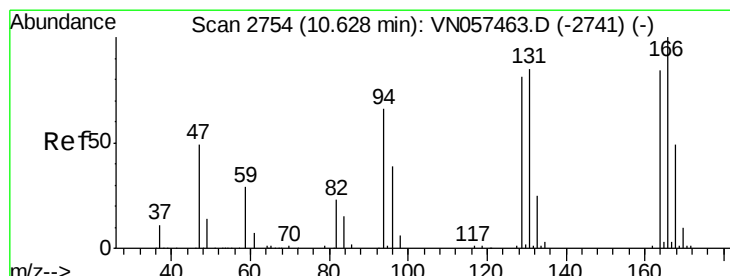
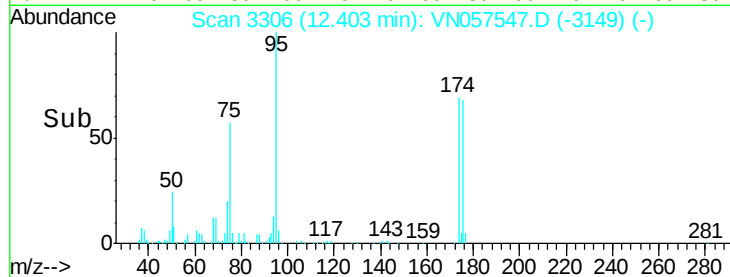
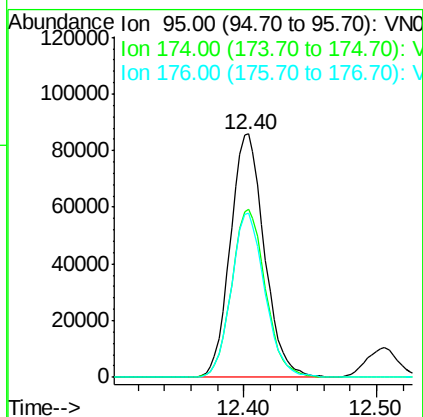
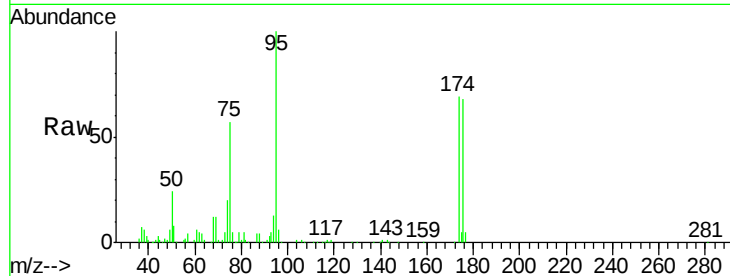




#60
4-Bromofluorobenzene
Concen: 27.895 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

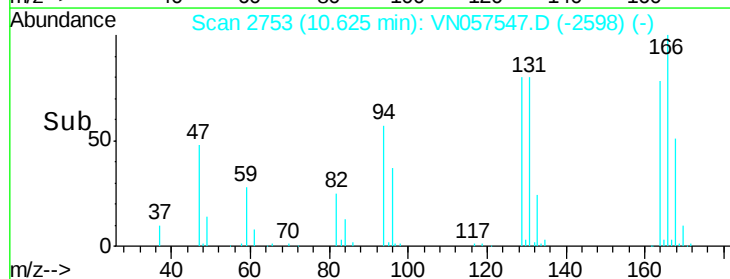
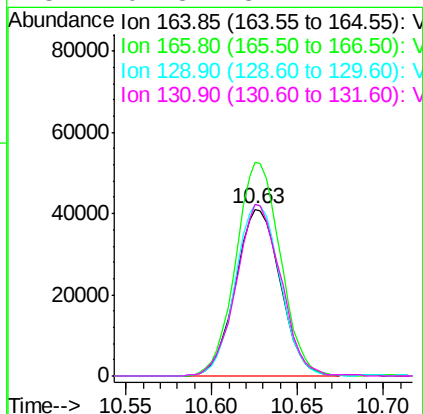
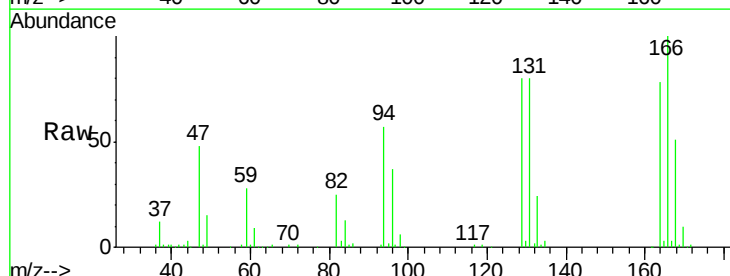
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

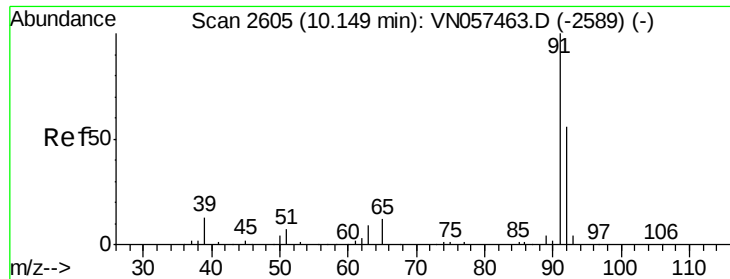
Tot Ion: 95 Resp: 153382
Ion Ratio Lower Upper
95 100
174 68.3 54.9 82.3
176 66.3 54.2 81.4



#61
Tetrachloroethene
Concen: 19.495 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion: 164 Resp: 74550
Ion Ratio Lower Upper
164 100
166 128.3 95.8 143.6
129 102.4 77.2 115.8
131 102.8 81.1 121.7





#62

Toluene

Concen: 18.919 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

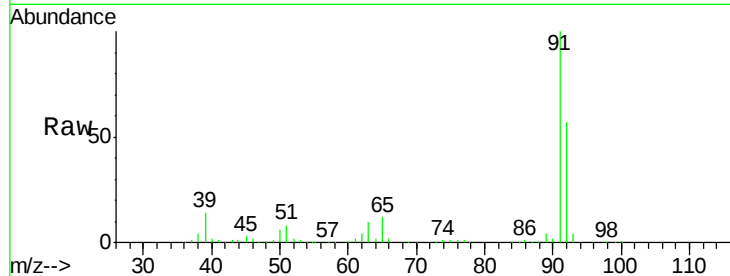
VN0827WBSD01

Tot Ion: 91 Resp: 385545

Ion Ratio Lower Upper

91 100

92 57.1 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN057463.D (-2589) (-)

Ion 92.00 (91.70 to 92.70): VN057463.D (-2589) (-)

10.15

200000

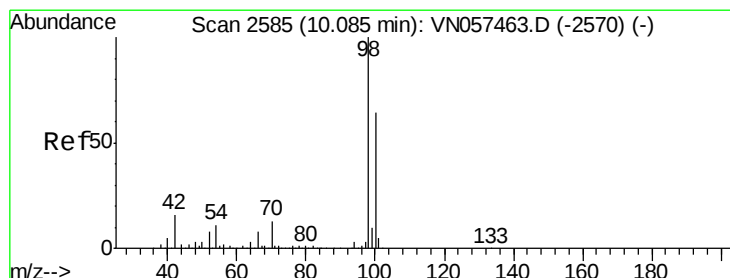
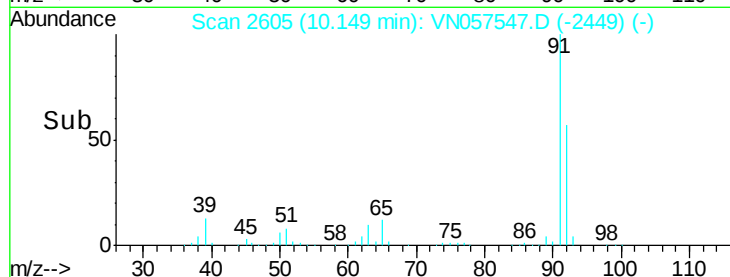
150000

100000

50000

0

Time-->



#63

Toluene-d8

Concen: 30.278 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057547.D

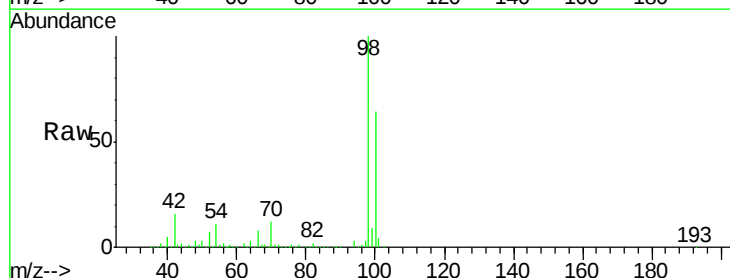
Acq: 27 Aug 2019 11:34

Tgt Ion: 98 Resp: 509851

Ion Ratio Lower Upper

98 100

100 62.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN057463.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN057463.D (-2570) (-)

10.09

300000

250000

200000

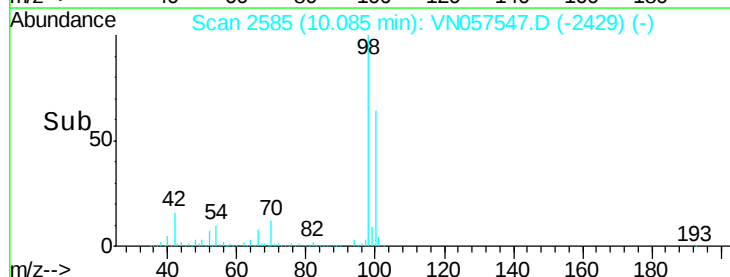
150000

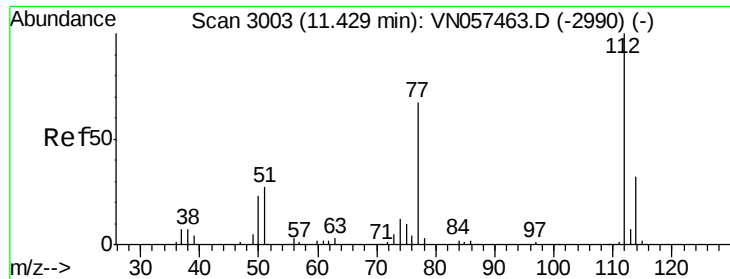
100000

50000

0

Time-->

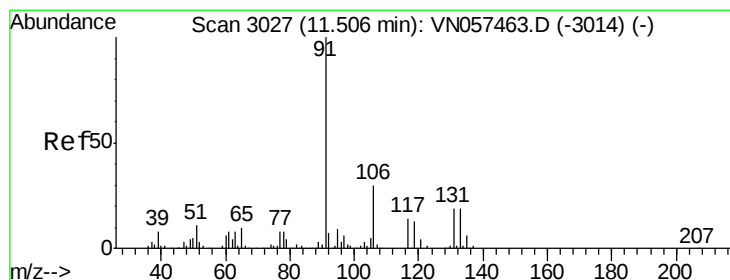
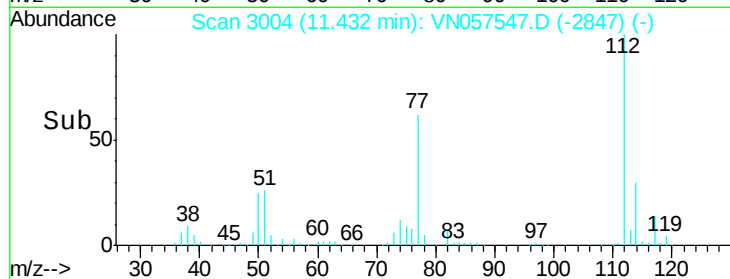
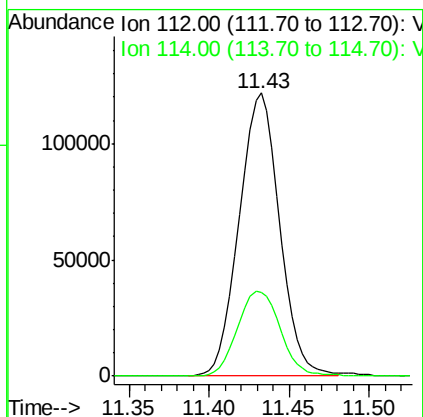
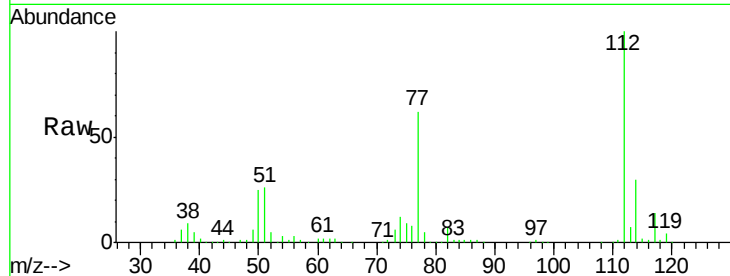




#64
Chlorobenzene
Concen: 18.923 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

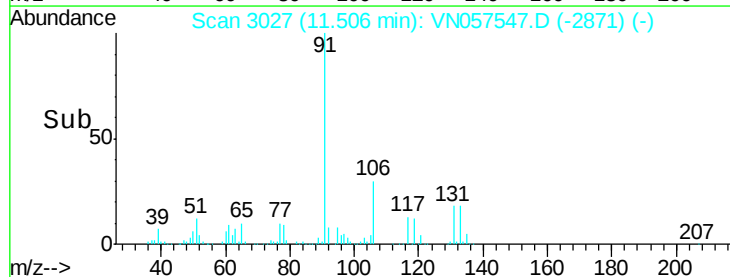
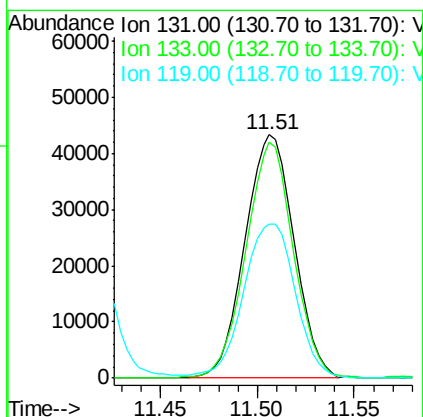
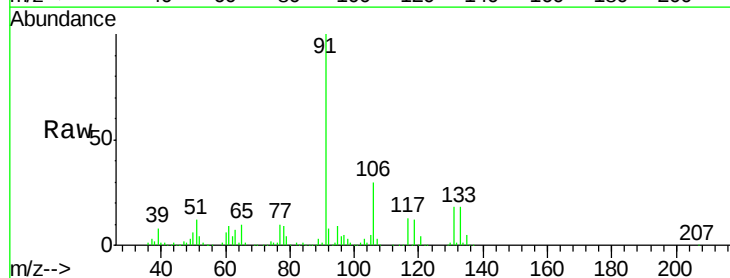
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

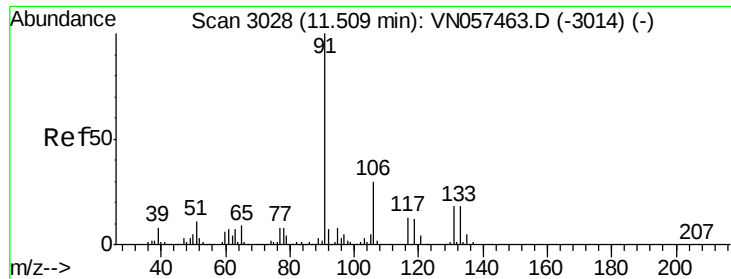
Tot Ion:112 Resp: 209655
Ion Ratio Lower Upper
112 100
114 29.6 25.6 38.4



#65
1,1,1,2-Tetrachloroethane
Concen: 18.185 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion:131 Resp: 76565
Ion Ratio Lower Upper
131 100
133 93.5 0.0 193.6
119 67.2 0.0 137.4





#66

Ethyl Benzene

Concen: 18.813 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

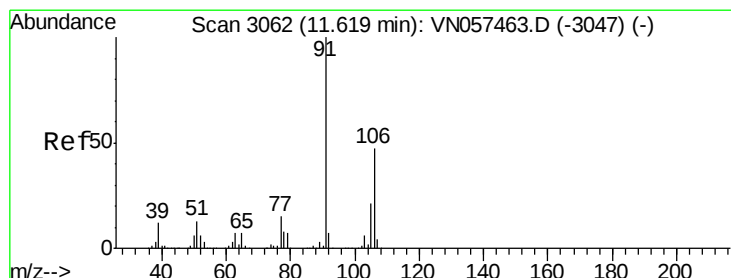
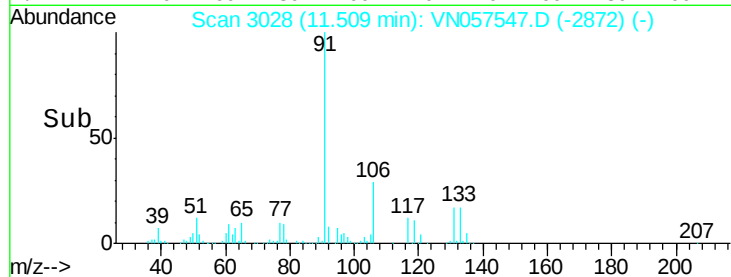
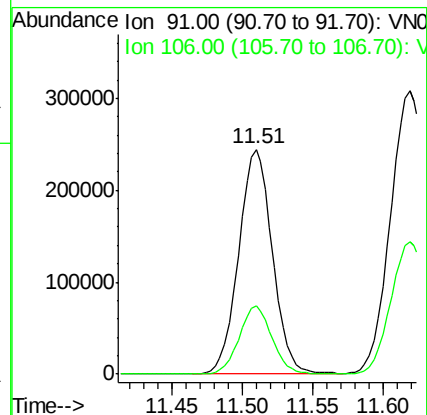
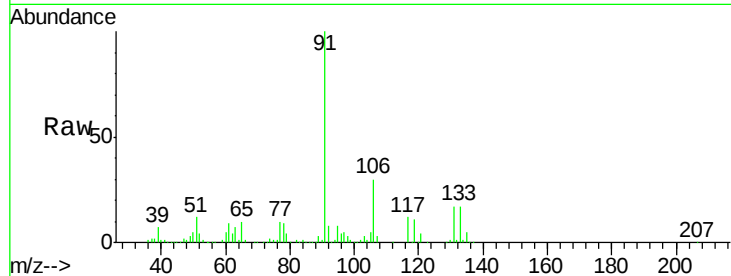
VN0827WBSD01

Tot Ion: 91 Resp: 410317

Ion Ratio Lower Upper

91 100

106 30.2 23.6 35.4



#67

m/p-Xylenes

Concen: 37.505 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN057547.D

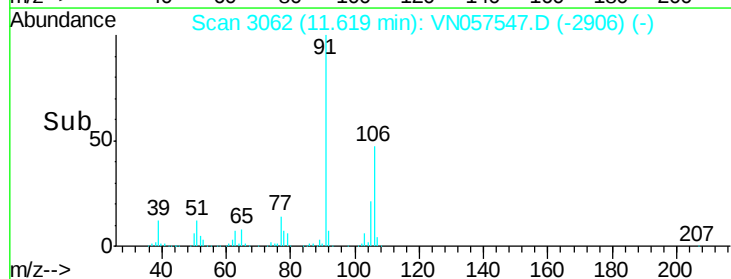
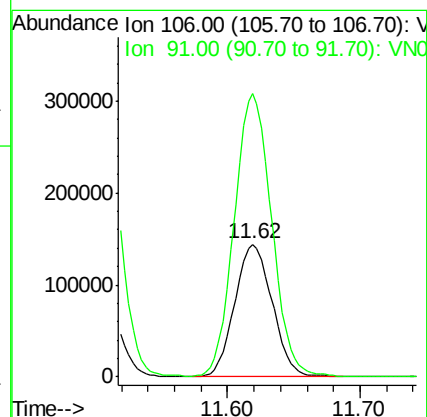
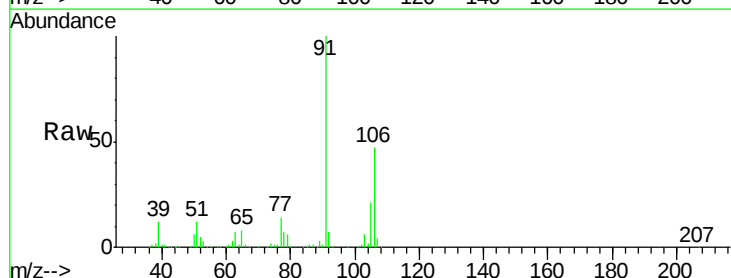
Acq: 27 Aug 2019 11:34

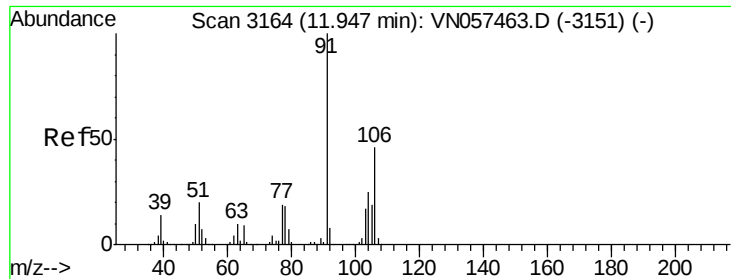
Tgt Ion: 106 Resp: 283718

Ion Ratio Lower Upper

106 100

91 211.4 172.9 259.3

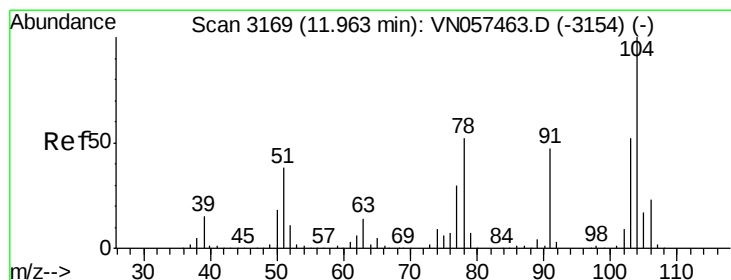
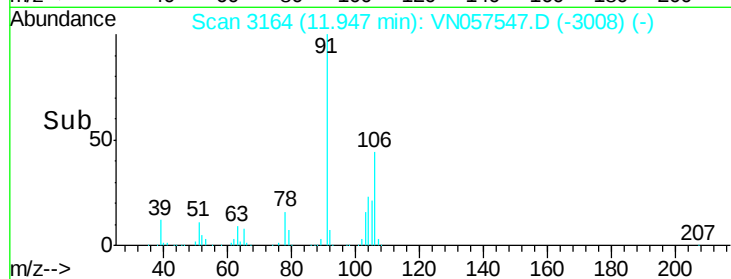
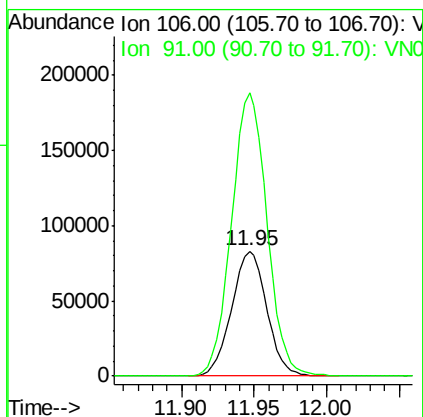
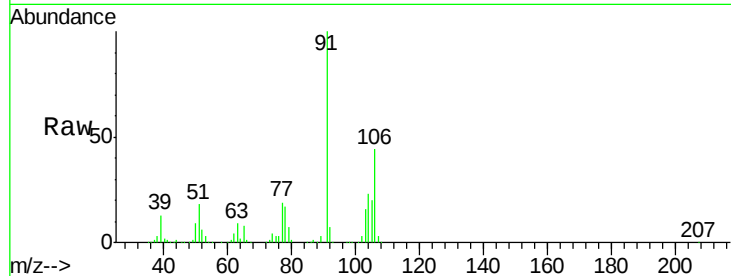




#68
o-Xylene
Concen: 18.705 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

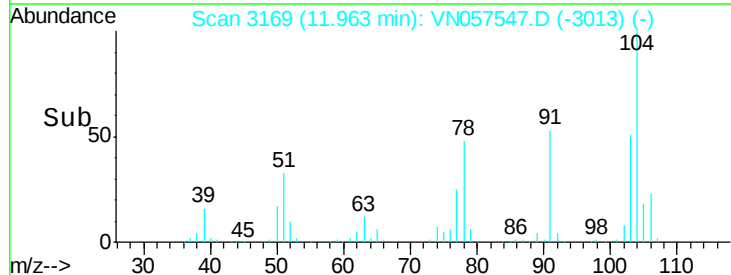
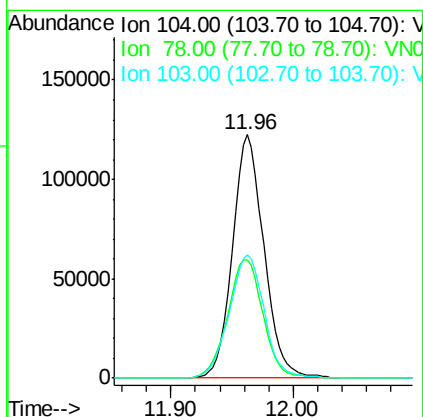
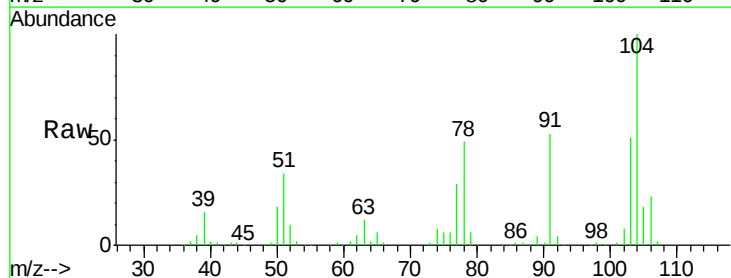
Instrument :
MSVOA_N
ClientSampled :
VN0827WBSD01

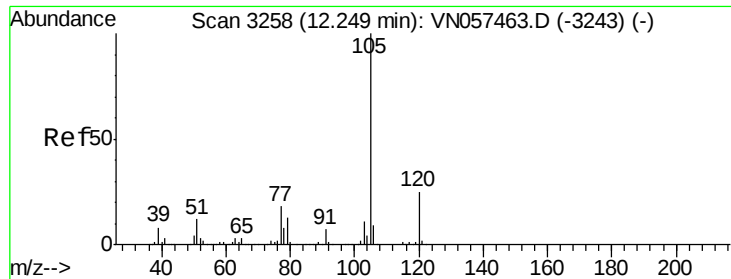
Tot Ion:106 Resp: 139838
Ion Ratio Lower Upper
106 100
91 228.4 111.1 333.4



#69
Styrene
Concen: 18.369 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion:104 Resp: 219378
Ion Ratio Lower Upper
104 100
78 55.2 46.5 69.7
103 56.4 45.9 68.9





#70

Isopropylbenzene

Concen: 18.870 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampled :

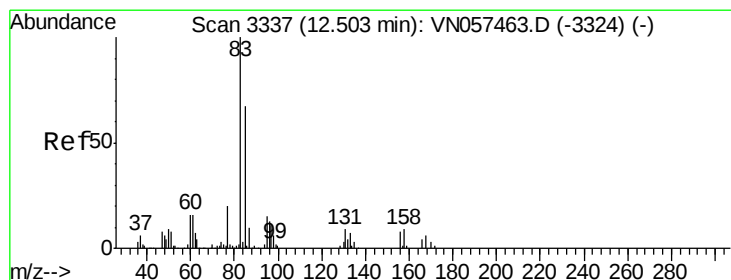
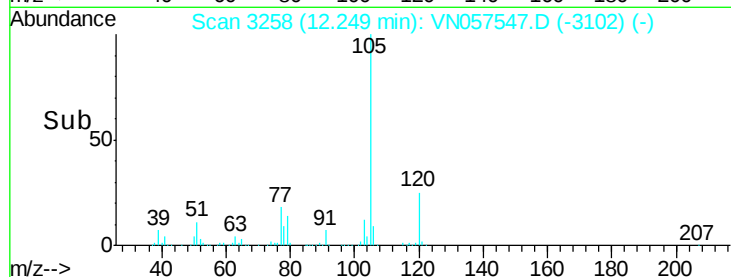
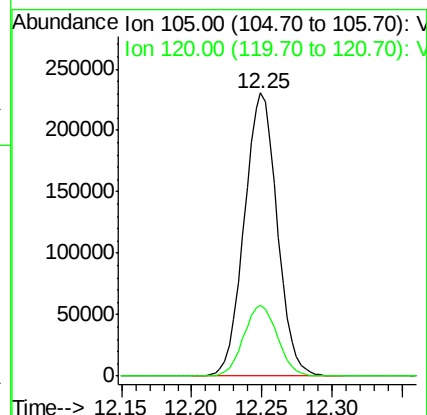
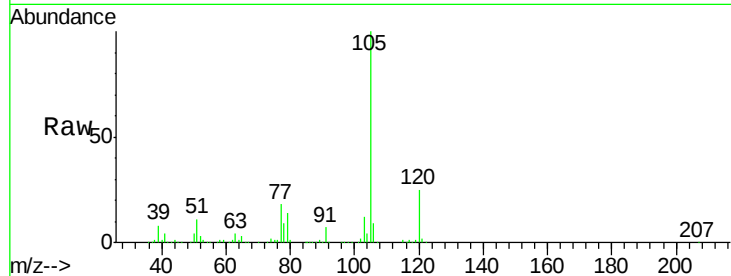
VN0827WBSD01

Tot Ion:105 Resp: 377386

Ion Ratio Lower Upper

105 100

120 25.7 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 18.505 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

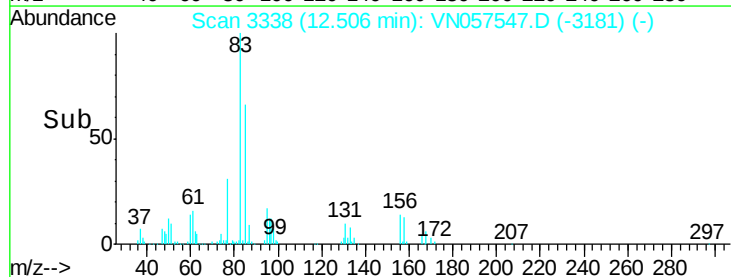
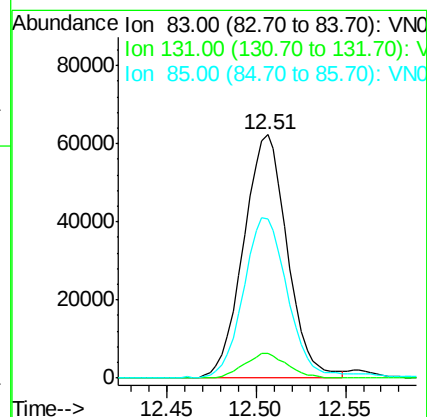
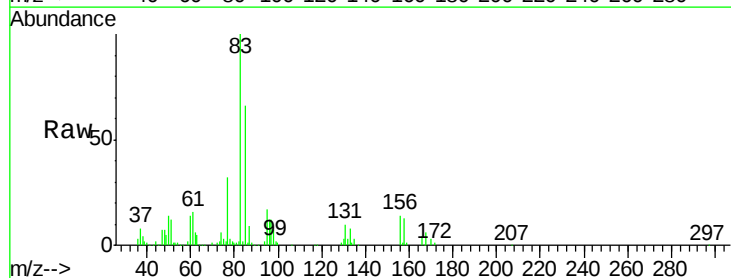
Tgt Ion: 83 Resp: 107022

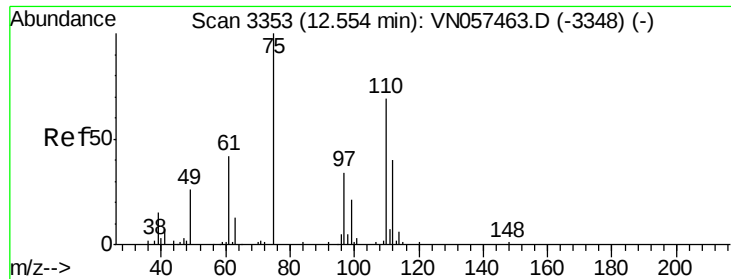
Ion Ratio Lower Upper

83 100

131 10.0 4.7 14.1

85 65.7 33.1 99.2





#72

1,2,3-Trichloropropane

Concen: 25.535 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

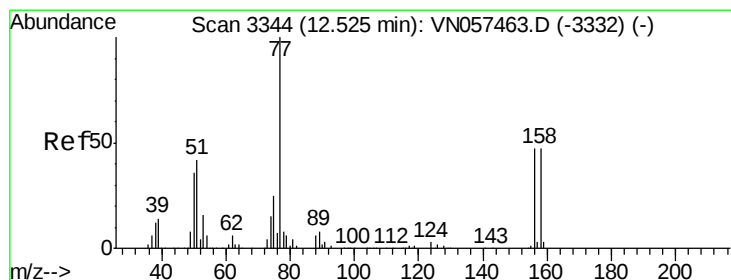
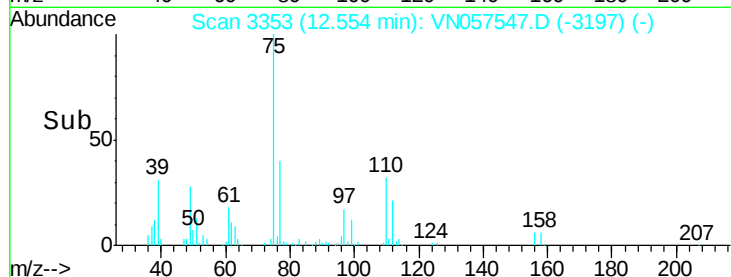
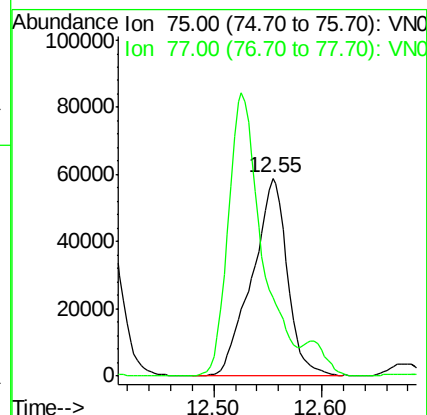
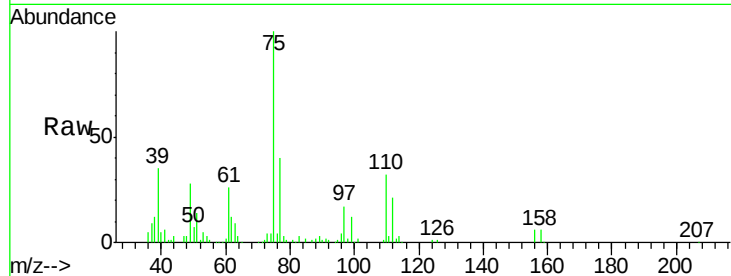
VN0827WBSD01

Tot Ion: 75 Resp: 134062

Ion Ratio Lower Upper

75 100

77 136.4 0.0 380.2



#73

Bromobenzene

Concen: 18.438 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

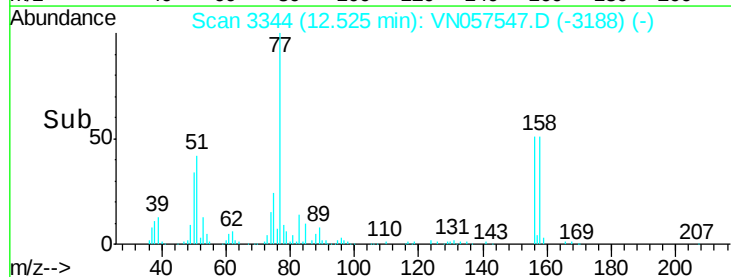
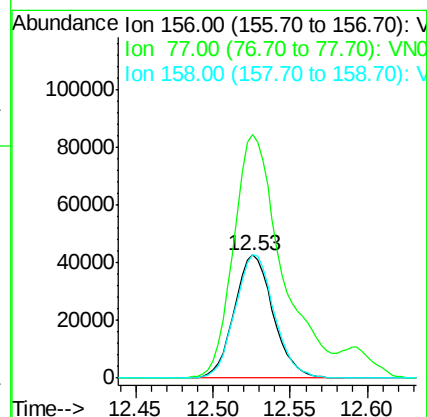
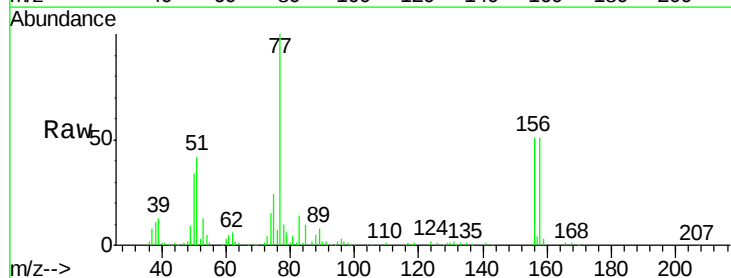
Tgt Ion: 156 Resp: 74635

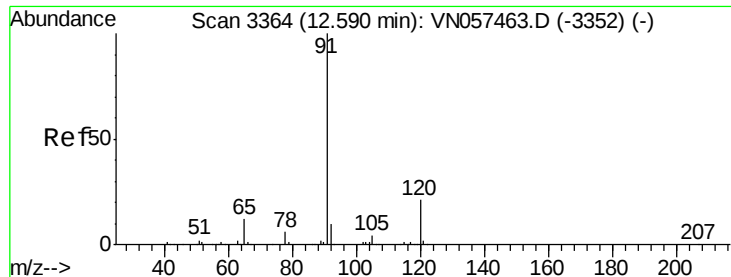
Ion Ratio Lower Upper

156 100

77 245.0 0.0 506.8

158 100.7 0.0 196.6





#74

n-propylbenzene

Concen: 17.983 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

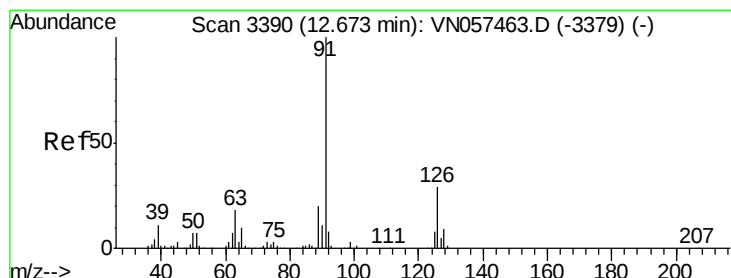
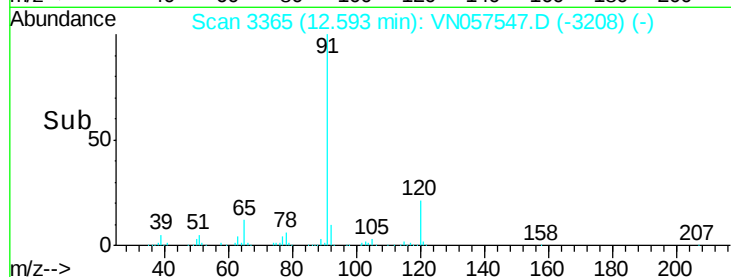
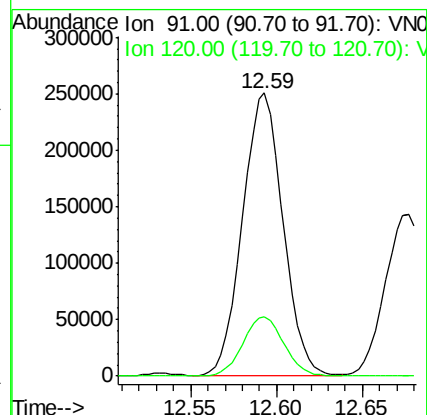
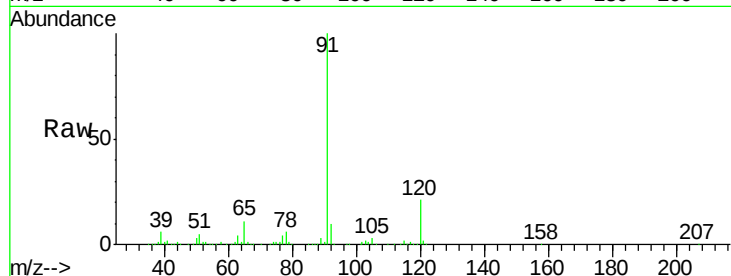
VN0827WBSD01

Tot Ion: 91 Resp: 410098

Ion Ratio Lower Upper

91 100

120 21.1 0.0 42.2



#75

2-Chlorotoluene

Concen: 18.367 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057547.D

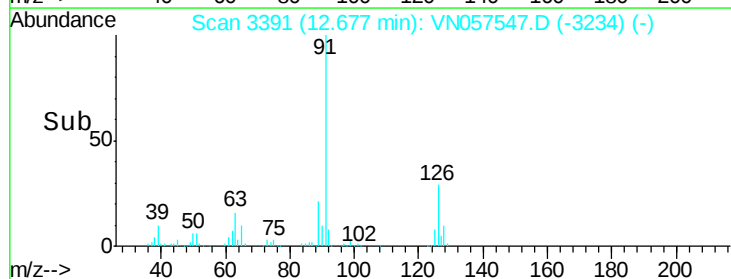
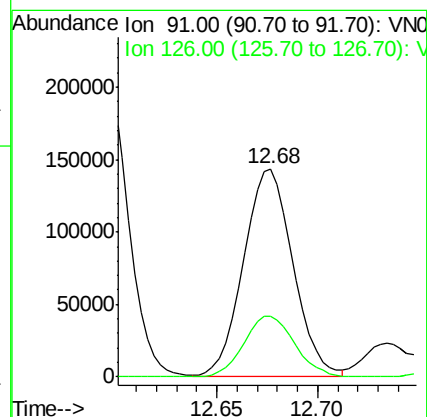
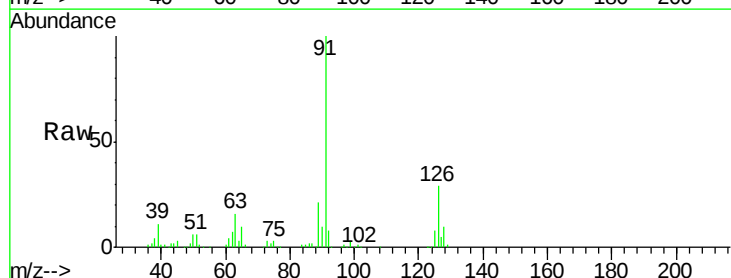
Acq: 27 Aug 2019 11:34

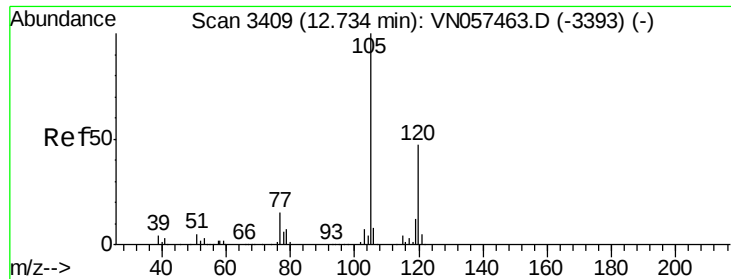
Tgt Ion: 91 Resp: 246677

Ion Ratio Lower Upper

91 100

126 29.9 0.0 60.4

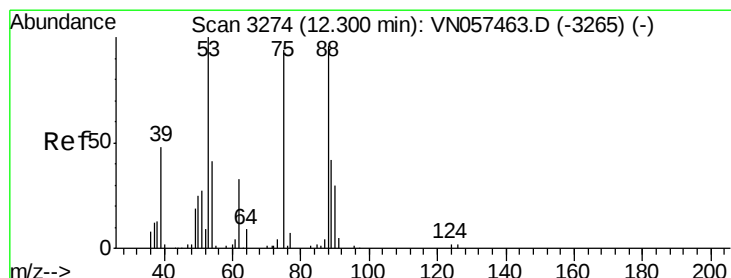
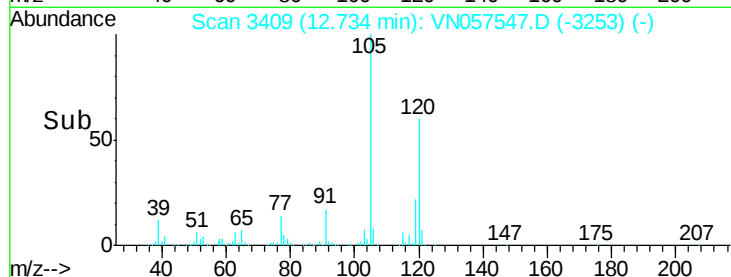
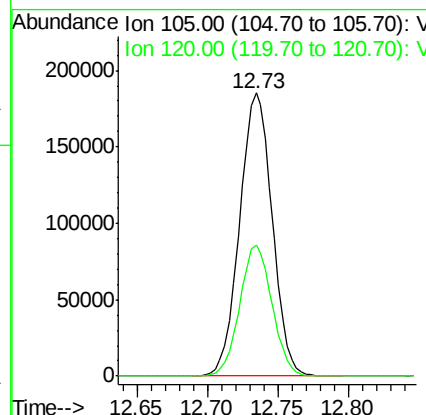
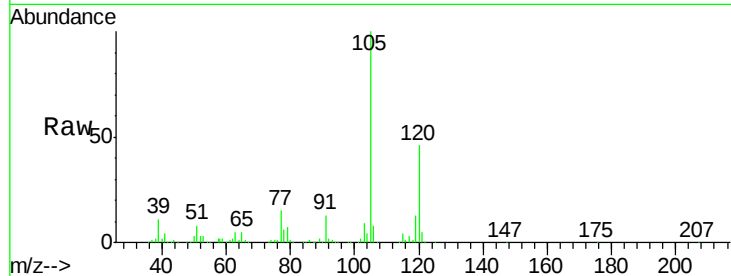




#76
 1,3,5-Trimethylbenzene
 Concen: 18.273 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

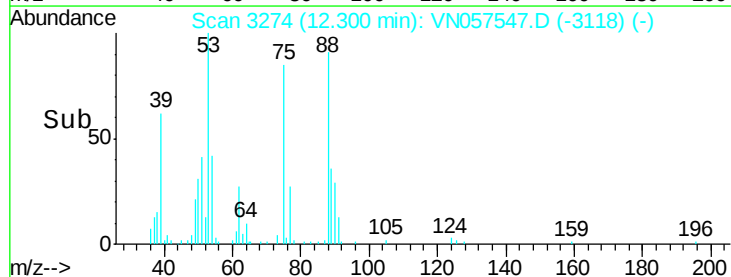
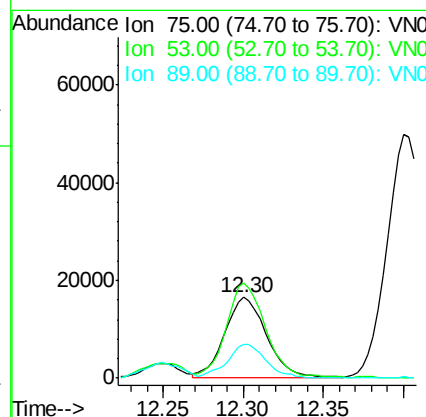
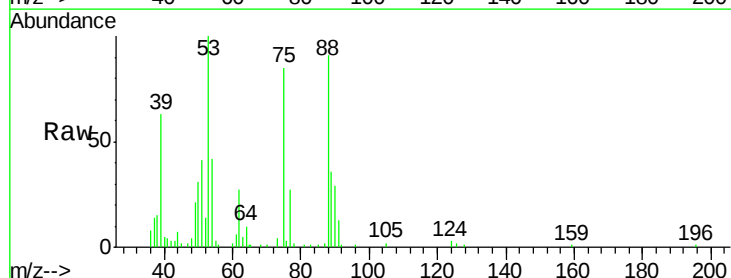
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

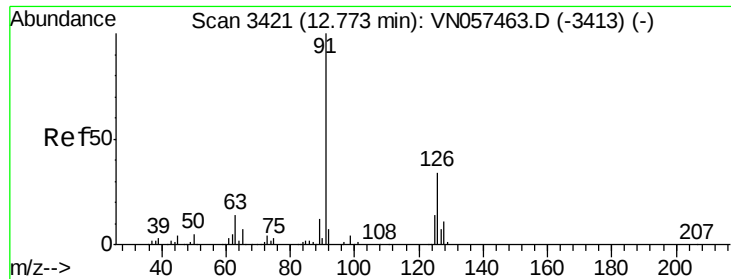
Tot Ion:105 Resp: 299911
 Ion Ratio Lower Upper
 105 100
 120 46.0 0.0 94.4



#77
 t-1,4-Dichloro-2-butene
 Concen: 15.649 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion: 75 Resp: 29463
 Ion Ratio Lower Upper
 75 100
 53 117.0 55.6 166.9
 89 43.1 23.8 71.4

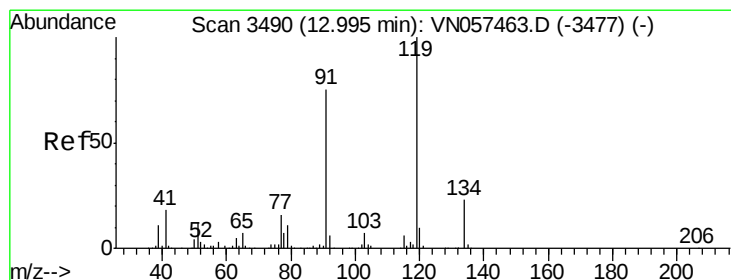
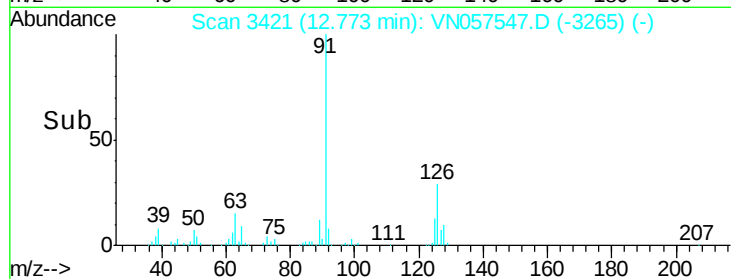
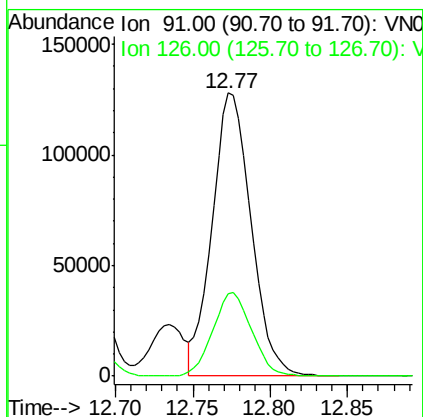
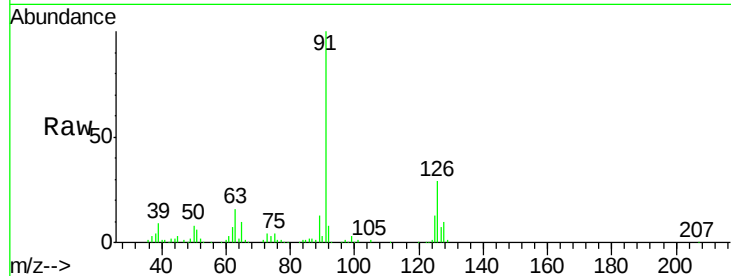




#78
4-Chlorotoluene
Concen: 17.652 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

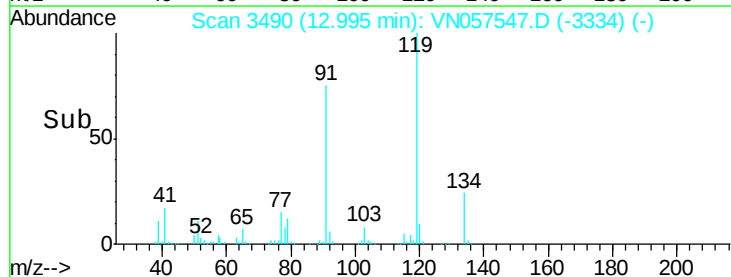
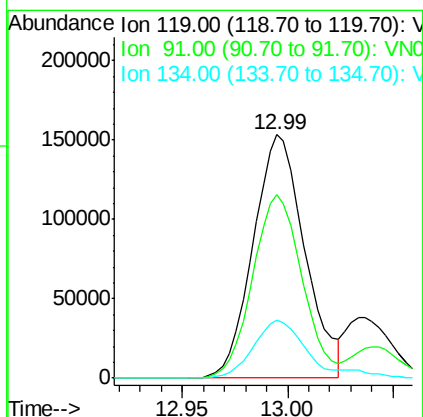
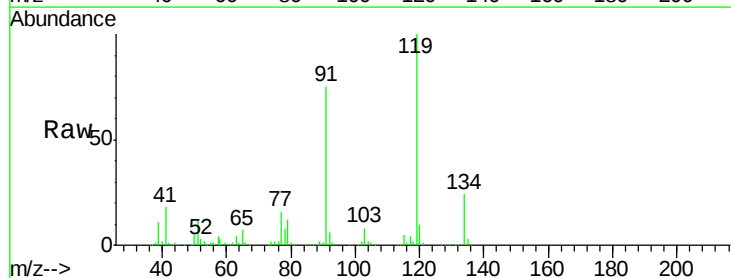
Instrument :
MSVOA_N
ClientSampled :
VN0827WBSD01

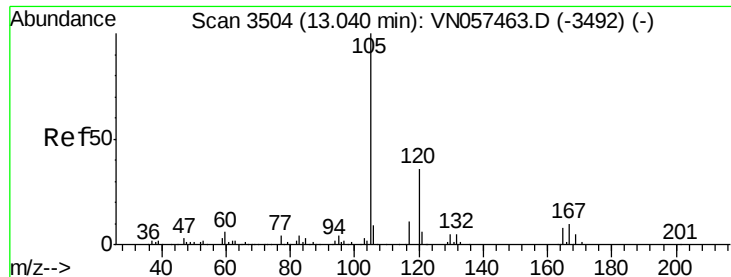
Tot Ion: 91 Resp: 224002
Ion Ratio Lower Upper
91 100
126 29.6 0.0 61.6



#79
tert-butylbenzene
Concen: 18.695 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion: 119 Resp: 261090
Ion Ratio Lower Upper
119 100
91 72.3 0.0 146.6
134 22.9 0.0 46.2

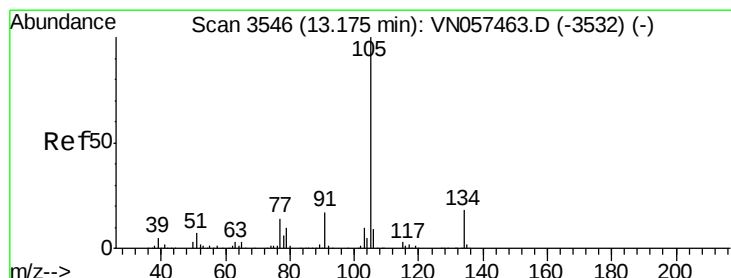
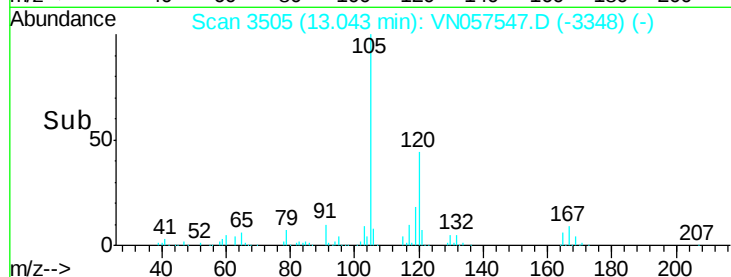
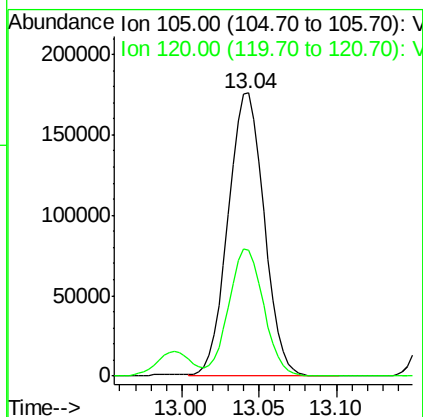
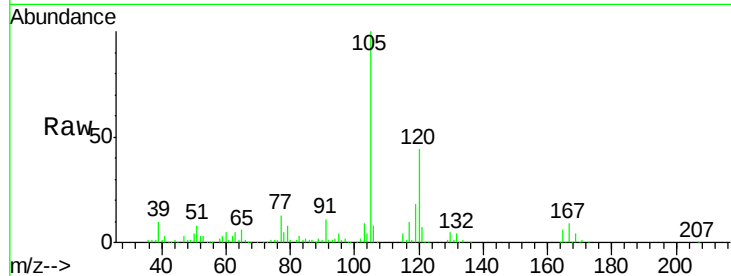




#80
 1,2,4-Trimethylbenzene
 Concen: 18.637 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

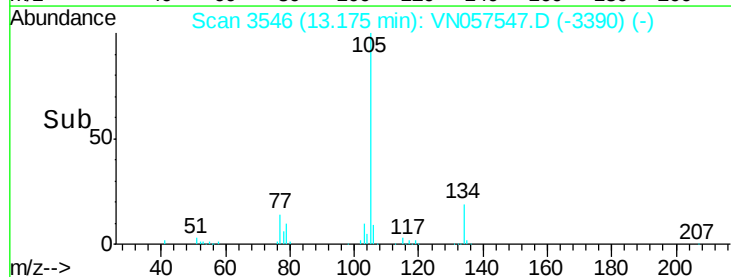
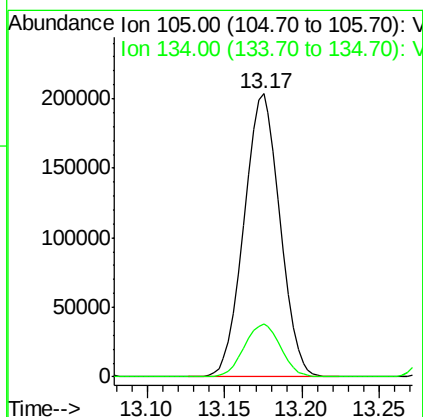
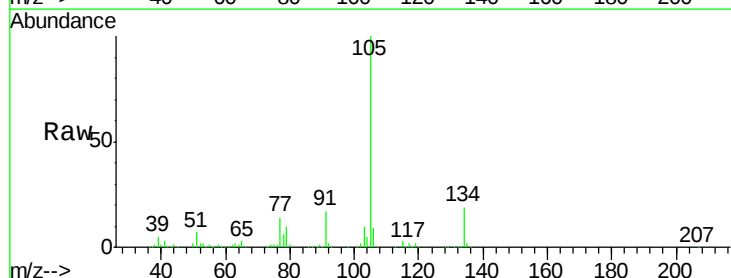
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

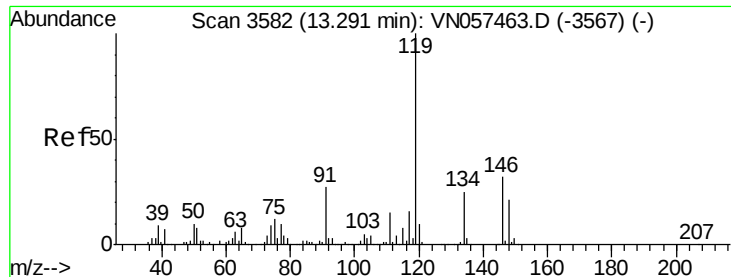
Tot Ion:105 Resp: 285173
 Ion Ratio Lower Upper
 105 100
 120 43.4 0.0 85.4



#81
 sec-Butylbenzene
 Concen: 17.910 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Tgt Ion:105 Resp: 329607
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 36.0





#82

p-Isopropyltoluene

Concen: 17.717 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

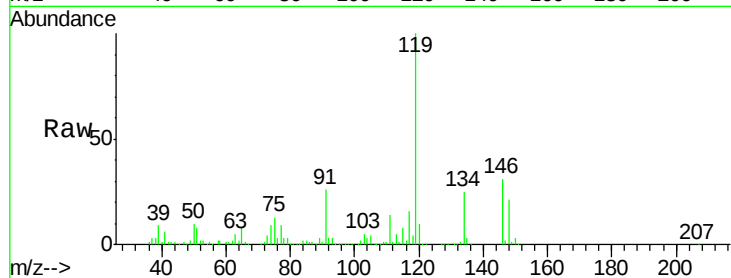
Tot Ion:119 Resp: 274117

Ion Ratio Lower Upper

119 100

134 25.7 0.0 49.6

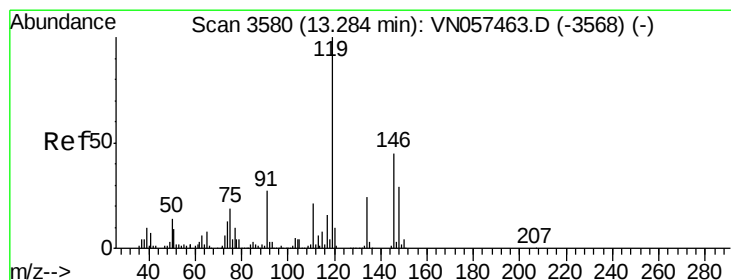
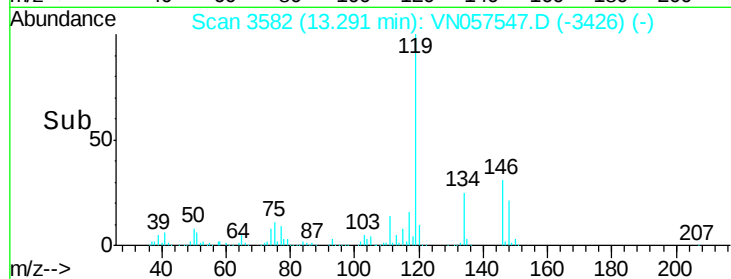
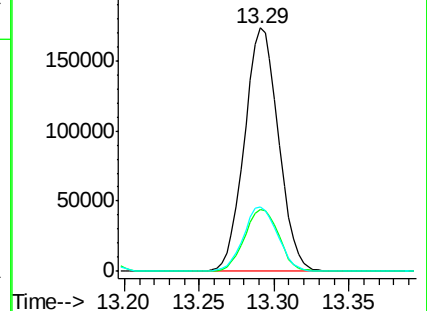
91 26.6 0.0 55.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#83

1,3-Dichlorobenzene

Concen: 17.015 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

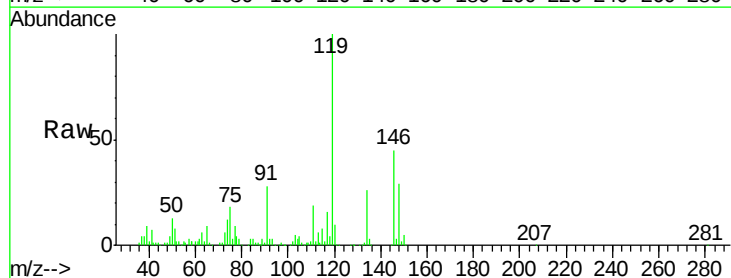
Tgt Ion:146 Resp: 107220

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

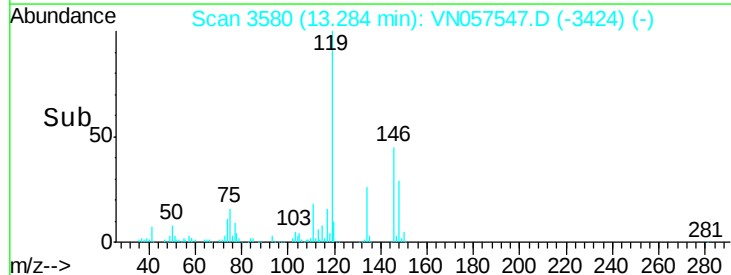
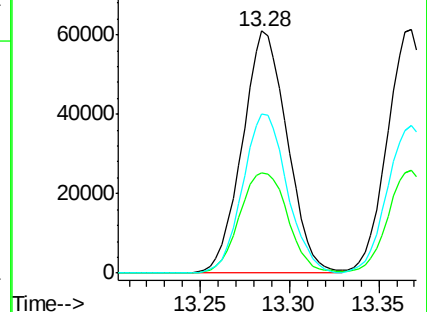
148 64.9 31.8 95.4

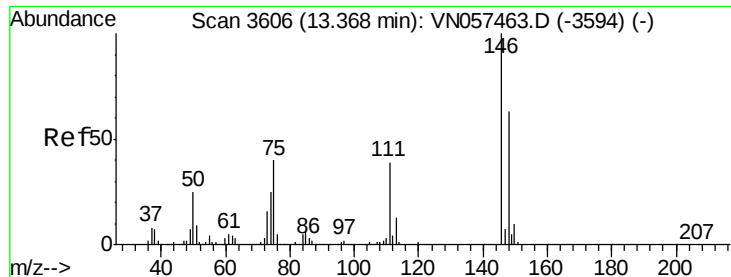


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 17.096 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

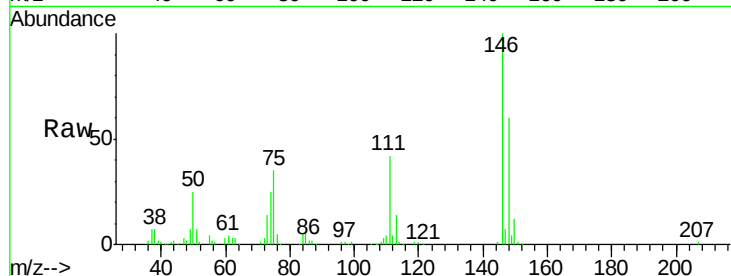
Tot Ion:146 Resp: 104806

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.5

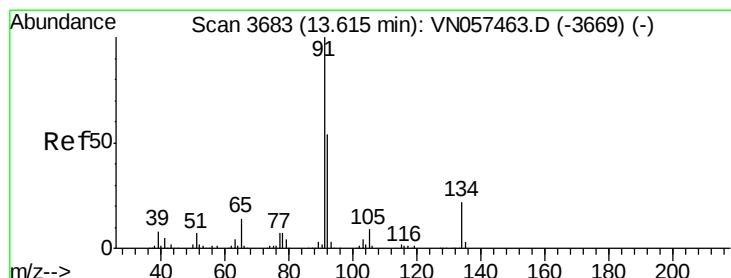
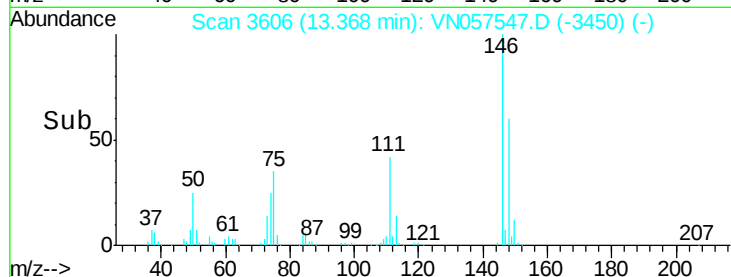
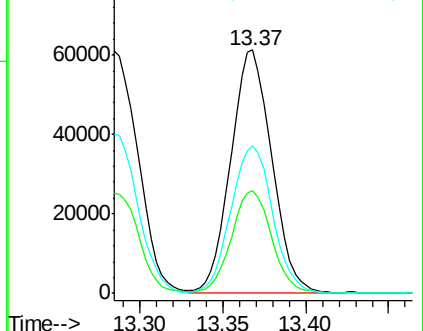
148 62.2 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 16.401 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

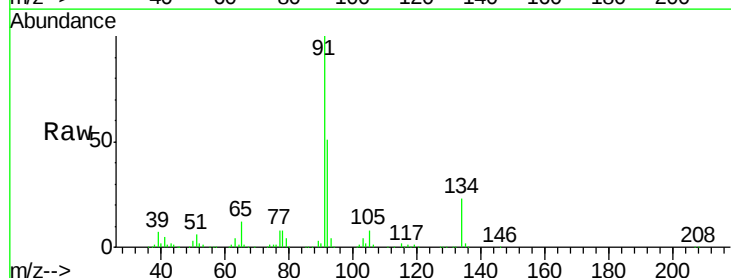
Tgt Ion: 91 Resp: 221229

Ion Ratio Lower Upper

91 100

92 52.6 0.0 105.6

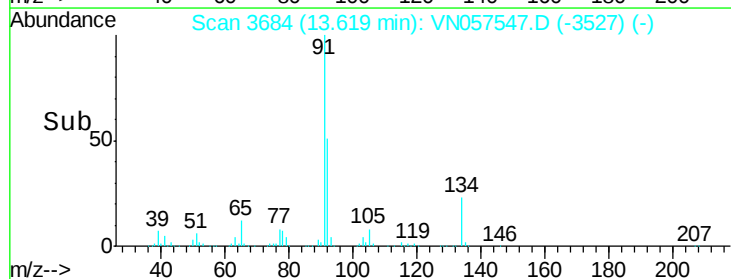
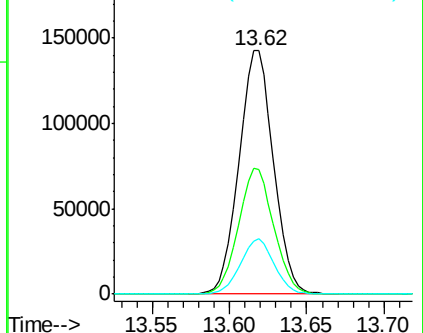
134 22.2 0.0 46.0

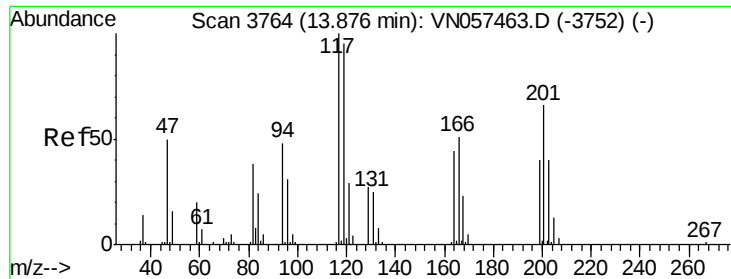


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

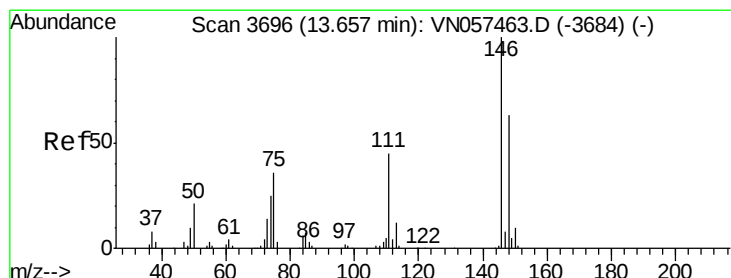
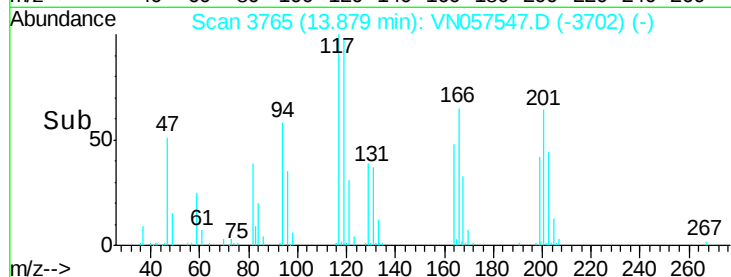
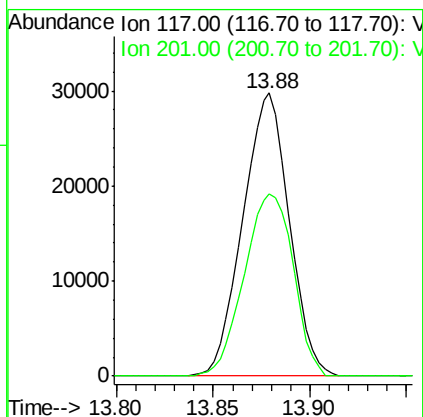
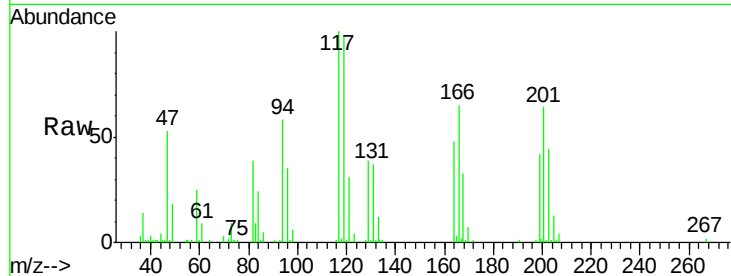




#86
Hexachloroethane
Concen: 15.957 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

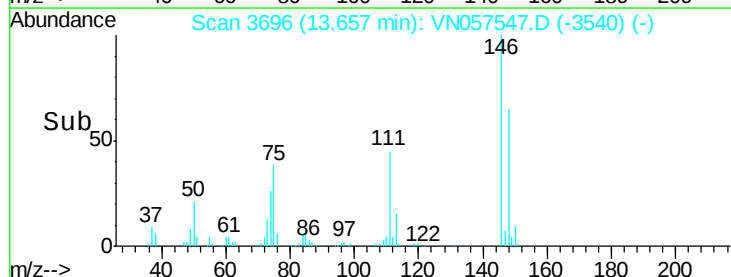
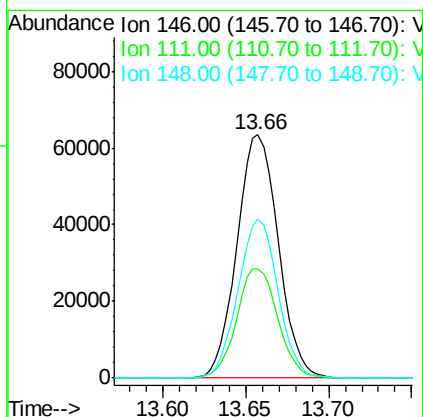
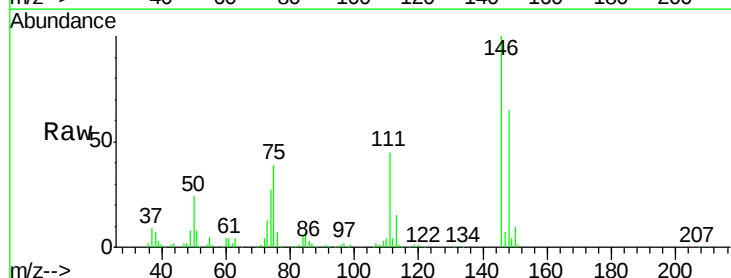
Instrument :
MSVOA_N
ClientSampleId :
VN0827WBSD01

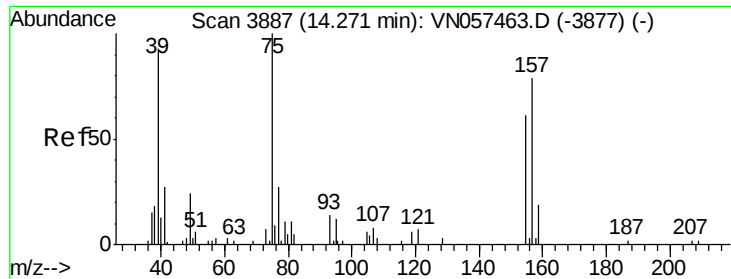
Tot Ion:117 Resp: 49815
Ion Ratio Lower Upper
117 100
201 67.9 34.0 101.8



#87
1,2-Dichlorobenzene
Concen: 17.813 ug/l
RT: 13.66 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion:146 Resp: 110239
Ion Ratio Lower Upper
146 100
111 44.8 22.5 67.5
148 63.0 30.9 92.7





#88

1,2-Dibromo-3-Chloropropane

Concen: 15.427 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBSD01

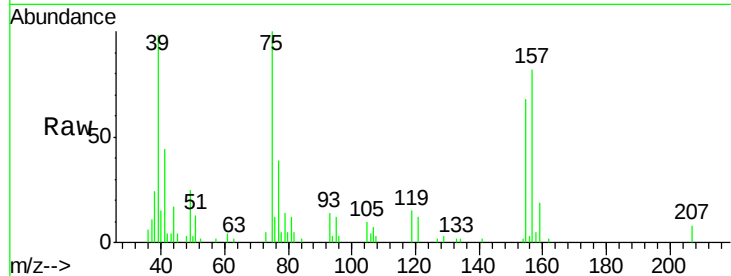
Tot Ion: 75 Resp: 14973

Ion Ratio Lower Upper

75 100

155 64.7 53.7 80.5

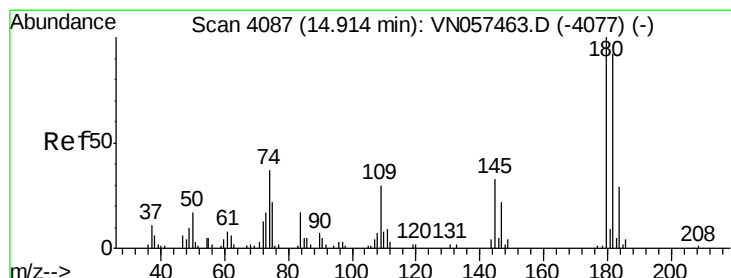
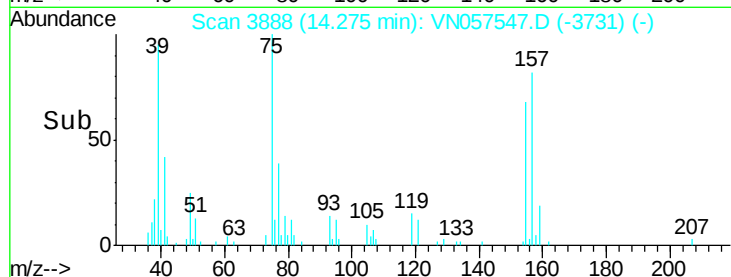
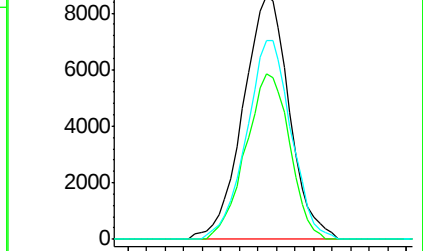
157 79.0 63.5 95.3



Abundance Ion 75.00 (74.70 to 75.70): VN057463.D (-3877) (-)

Ion 155.00 (154.70 to 155.70): VN057463.D (-3877) (-)

Ion 157.00 (156.70 to 157.70): VN057463.D (-3877) (-)



#89

1,2,4-Trichlorobenzene

Concen: 12.433 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

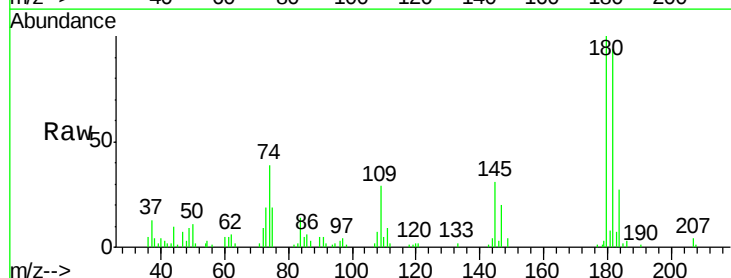
Tgt Ion: 180 Resp: 28830

Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.2

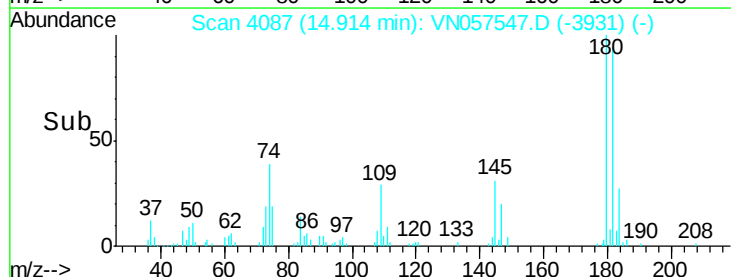
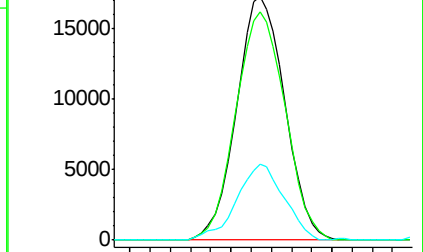
145 30.7 26.9 40.3

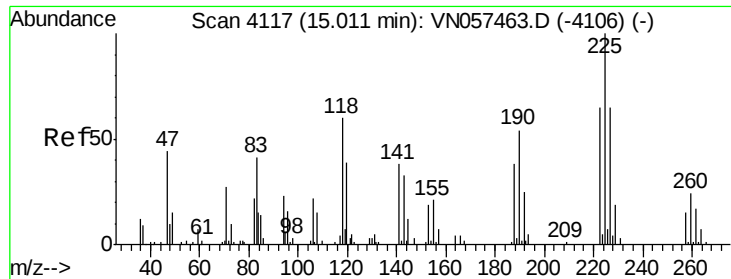


Abundance Ion 180.00 (179.70 to 180.70): VN057463.D (-4077) (-)

Ion 182.00 (181.70 to 182.70): VN057463.D (-4077) (-)

Ion 145.00 (144.70 to 145.70): VN057463.D (-4077) (-)

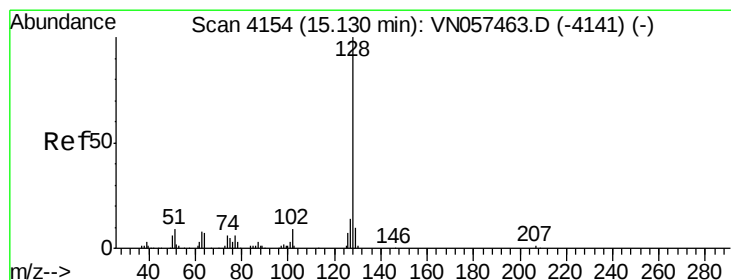
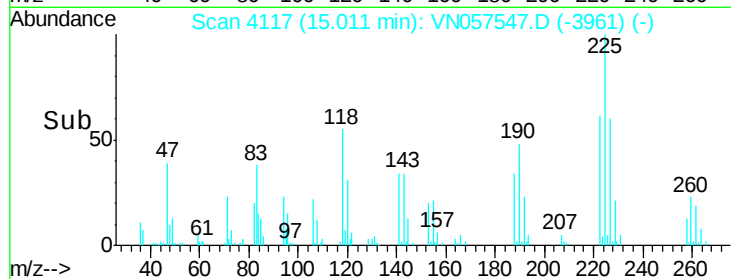
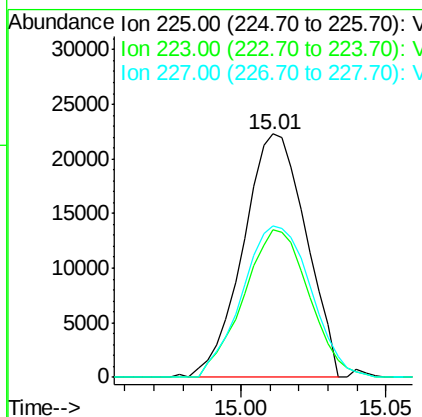
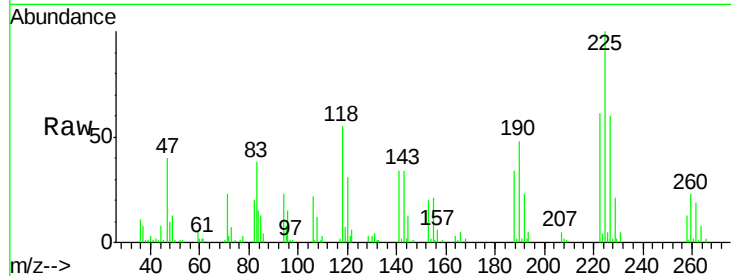




#90
Hexachlorobutadiene
Concen: 18.787 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

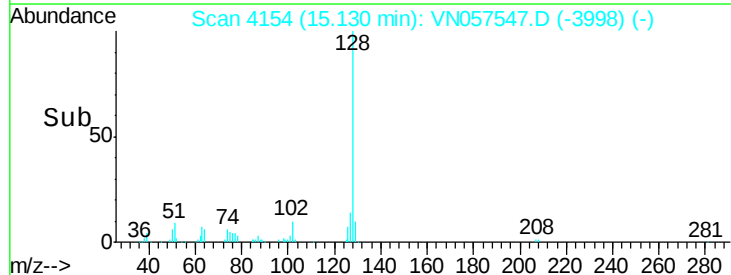
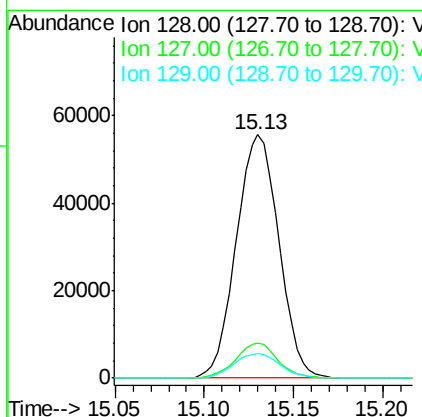
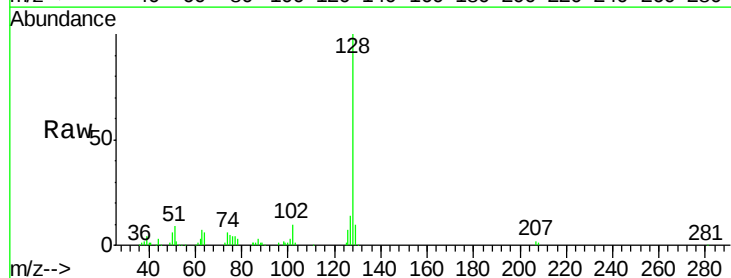
Instrument :
MSVOA_N
ClientSampled :
VN0827WBSD01

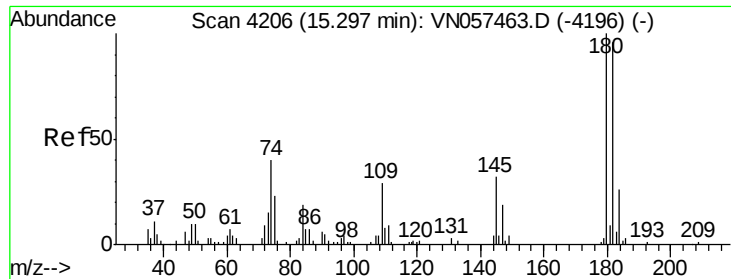
Tot Ion:225 Resp: 33495
Ion Ratio Lower Upper
225 100
223 63.4 0.0 123.6
227 68.2 0.0 126.6



#91
Naphthalene
Concen: 18.028 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057547.D
Acq: 27 Aug 2019 11:34

Tgt Ion:128 Resp: 92666
Ion Ratio Lower Upper
128 100
127 14.0 10.1 15.1
129 10.8 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 12.471 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN057547.D
 Acq: 27 Aug 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

Tot Ion:180	Resp:	28920
Ion	Ratio	Lower Upper
180	100	
182	96.4	0.0 187.0
145	32.3	0.0 64.4

