

Data File : VN059942.D
Acq On : 31 Jan 2020 13:03
Operator : JC/MD
Sample : VN0131WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Quant Time: Feb 03 01:19:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	173592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	274309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	249132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	100845	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.56	113	83727	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.08	98	316169	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	113296	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	35621	17.060	ug/l	98
3) Chloromethane	2.04	50	35732	17.979	ug/l	99
4) Vinyl Chloride	2.17	62	44820	19.710	ug/l	97
5) Bromomethane	2.55	94	27408	19.750	ug/l	99
6) Chloroethane	2.69	64	20939	19.464	ug/l	92
7) Trichlorofluoromethane	3.00	101	53431	19.566	ug/l	98
8) Diethyl Ether	3.39	74	20155	21.030	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31377	20.644	ug/l	93
10) Methyl Iodide	3.93	142	41932	17.068	ug/l	96
11) Tert butyl alcohol	4.73	59	32290	99.497	ug/l	100
12) 1,1-Dichloroethene	3.72	96	29830	18.782	ug/l	91
13) Acrolein	3.58	56	11489	50.011	ug/l	90
14) Allyl chloride	4.29	41	43437	20.291	ug/l #	87
15) Acrylonitrile	4.95	53	77726	104.995	ug/l	99
16) Acetone	3.78	43	96041	141.732	ug/l	100
17) Carbon Disulfide	4.03	76	73815	16.316	ug/l	99
18) Methyl Acetate	4.29	43	47667	21.169	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	112082	21.645	ug/l	96
20) Methylene Chloride	4.52	84	35947	19.829	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	33216	19.675	ug/l	87
22) Diisopropyl ether	5.91	45	101818	20.988	ug/l #	92
23) Vinyl Acetate	5.86	43	373375	99.408	ug/l	96
24) 1,1-Dichloroethane	5.82	63	61141	20.627	ug/l	97
25) 2-Butanone	6.80	43	115468	105.770	ug/l	95
26) 2,2-Dichloropropane	6.79	77	57259	20.093	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	39750	20.471	ug/l	89
28) Bromochloromethane	7.17	49	23102	19.500	ug/l #	75
29) Tetrahydrofuran	7.18	42	67542	99.995	ug/l #	86
30) Chloroform	7.35	83	64827	21.108	ug/l	96
31) Cyclohexane	7.63	56	52311	18.340	ug/l #	86
32) 1,1,1-Trichloroethane	7.54	97	57953	20.408	ug/l	96
36) 1,1-Dichloropropene	7.77	75	45871	19.203	ug/l	95
37) Ethyl Acetate	6.90	43	44253	19.752	ug/l	98
38) Carbon Tetrachloride	7.75	117	50939	19.603	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	53282	18.090	ug/l	93
40) Benzene	8.02	78	139502	19.581	ug/l	100
41) Methacrylonitrile	7.18	41	64697	58.626	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	51518	21.328	ug/l	96
43) Isopropyl Acetate	8.14	43	75633	19.626	ug/l #	94
44) Trichloroethene	8.82	130	39461	20.290	ug/l	98
45) 1,2-Dichloropropane	9.10	63	36343	20.616	ug/l	100
46) Dibromomethane	9.19	93	25656	20.631	ug/l	92
47) Bromodichloromethane	9.39	83	52324	20.880	ug/l	96
48) Methyl methacrylate	9.18	41	32927	19.102	ug/l	90
49) 1,4-Dioxane	9.18	88	13333	422.523	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	221307	99.343	ug/l	95
52) Toluene	10.14	92	90120	20.027	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	57861	20.678	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	60870	20.675	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	36818	20.658	ug/l	96
56) Ethyl methacrylate	10.42	69	51584	18.942	ug/l	95
57) 1,3-Dichloropropane	10.70	76	59836	21.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	85903	104.726	ug/l	92
59) 2-Hexanone	10.74	43	167911	102.312	ug/l	94
60) Dibromochloromethane	10.89	129	42331	20.857	ug/l	99
61) 1,2-Dibromoethane	11.00	107	38552	20.638	ug/l	98
64) Tetrachloroethene	10.62	164	44715	22.022	ug/l	96
65) Chlorobenzene	11.43	112	99217	20.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	39324	20.783	ug/l	98
67) Ethyl Benzene	11.50	91	174546	19.636	ug/l	98
68) m/p-Xylenes	11.62	106	131549	39.177	ug/l	94
69) o-Xylene	11.94	106	64922	19.749	ug/l	93
70) Styrene	11.96	104	103601	18.834	ug/l	97
71) Bromoform	12.12	173	31099	20.519	ug/l #	98
73) Isopropylbenzene	12.25	105	174765	20.073	ug/l	99
74) N-amyl acetate	12.07	43	62981	18.643	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	50687	20.082	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	68442	34.258	ug/l #	100
77) Bromobenzene	12.52	156	44978	20.400	ug/l	83
78) n-propylbenzene	12.59	91	193263	19.777	ug/l	97
79) 2-Chlorotoluene	12.67	91	113490	19.522	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	144750	19.769	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18286	19.656	ug/l	96
82) 4-Chlorotoluene	12.77	91	118436	20.312	ug/l	97
83) tert-Butylbenzene	12.99	119	126020	19.900	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	144239	19.912	ug/l	99
85) sec-Butylbenzene	13.17	105	164480	19.769	ug/l	99
86) p-Isopropyltoluene	13.28	119	152729	19.839	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	77930	20.348	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	76883	20.123	ug/l	98
89) n-Butylbenzene	13.61	91	129436	19.719	ug/l	98
90) Hexachloroethane	13.87	117	27345	18.984	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	77224	20.396	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10976	18.964	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013120\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	46159	20.289	ug/l	98
94) Hexachlorobutadiene	15.01	225	24817	19.795	ug/l	98
95) Naphthalene	15.13	128	126774	19.591	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44976	20.310	ug/l	97

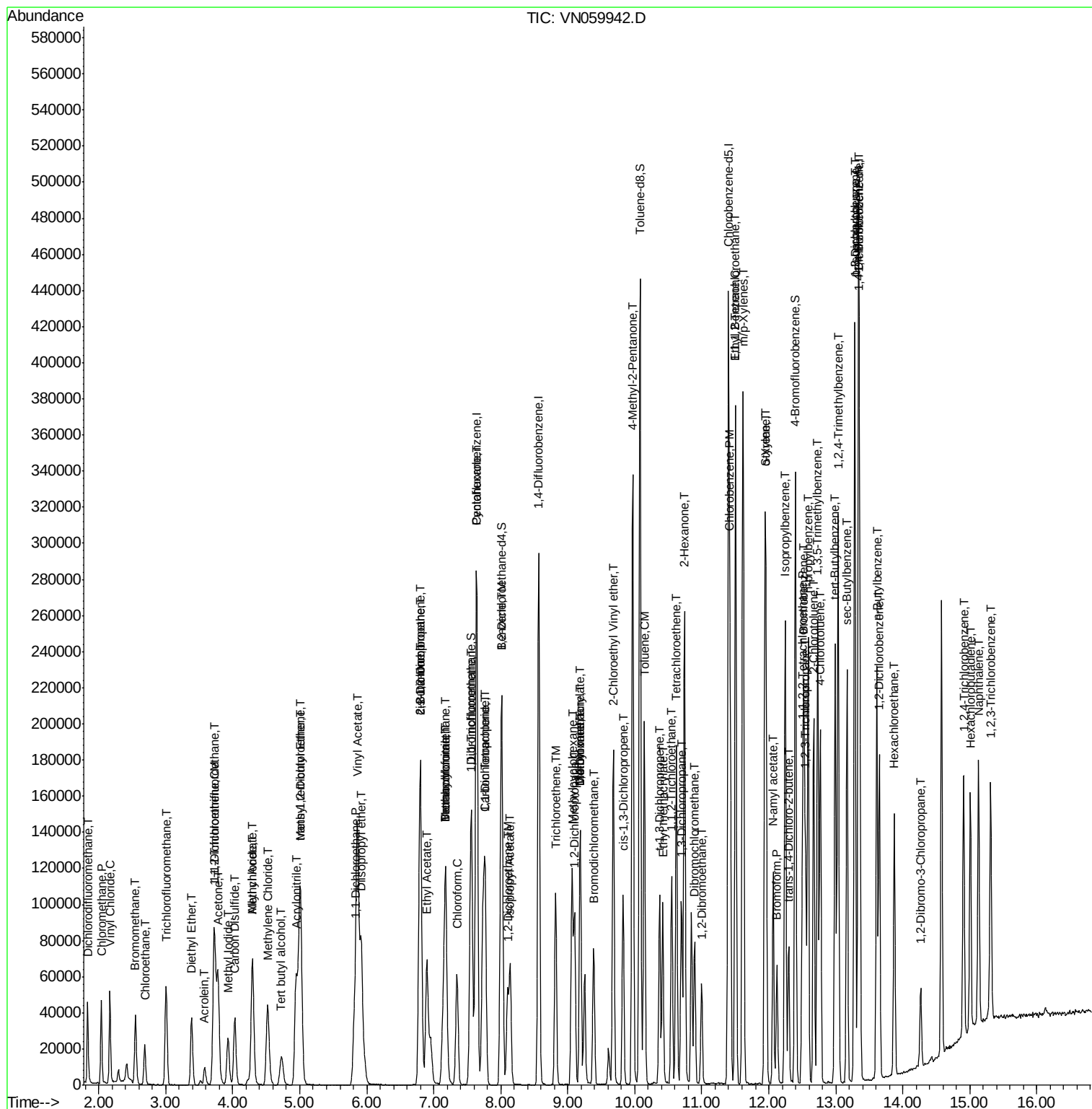
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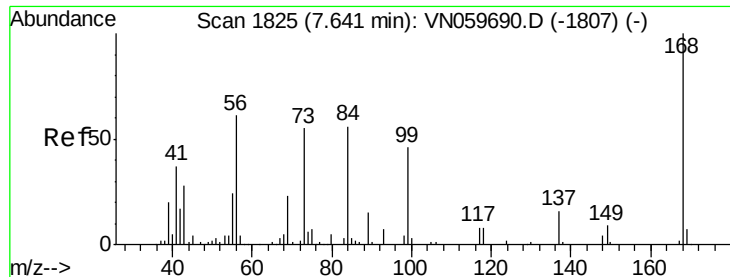
Data File : VN059942.D

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Acq On       : 31 Jan 2020   13:03
Operator     : JC/MD
Sample       : VN0131WBSD01
Misc         : 5.00mL/MSVOA_N/WATER
ALS Vial     : 6      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
VN0131WBSD01

Quant Time: Feb 03 01:19:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

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Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

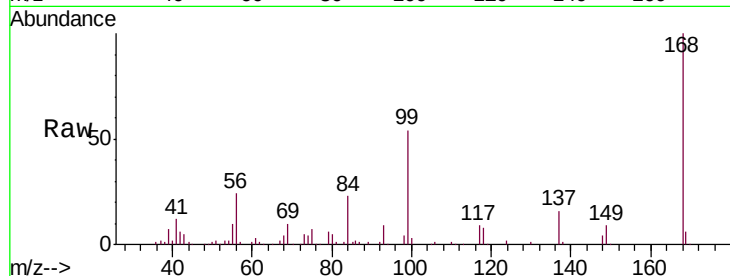
VN0131WBSD01

Tgt Ion:168 Resp: 173592

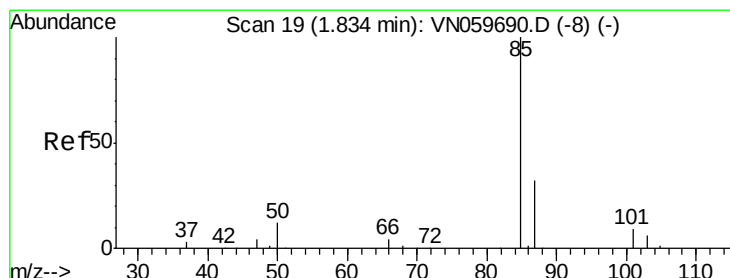
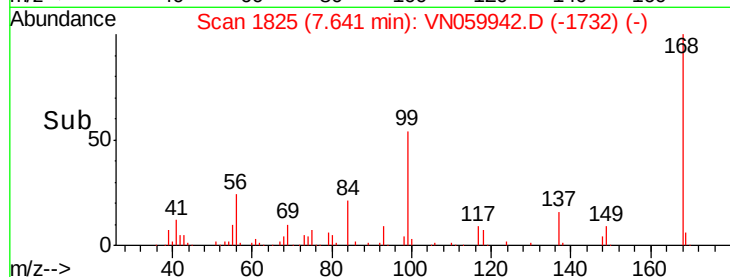
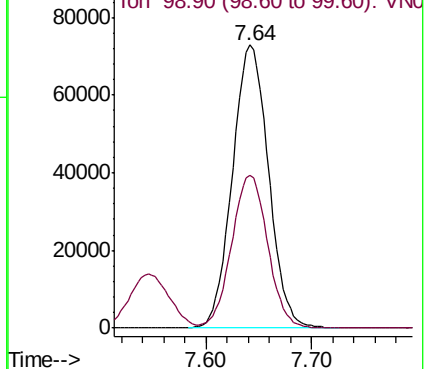
Ion Ratio Lower Upper

168 100

99 53.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059942.D (-1732) (-)



#2

Dichlorodifluoromethane

Concen: 17.060 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059942.D

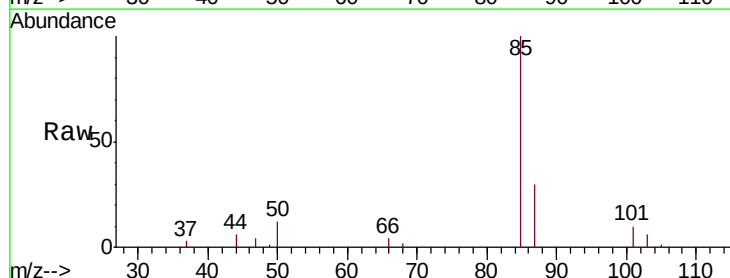
Acq: 31 Jan 2020 13:03

Tgt Ion: 85 Resp: 35621

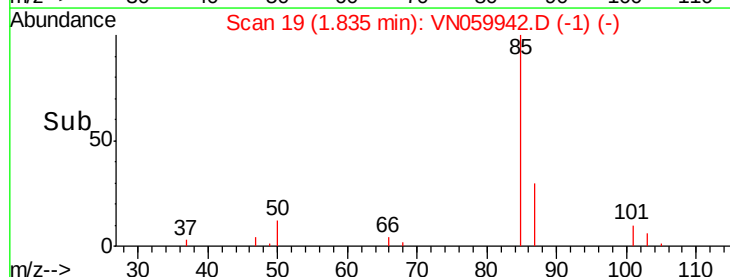
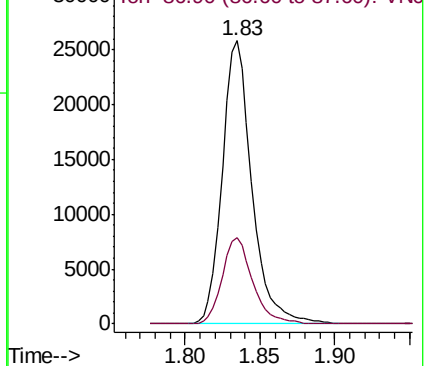
Ion Ratio Lower Upper

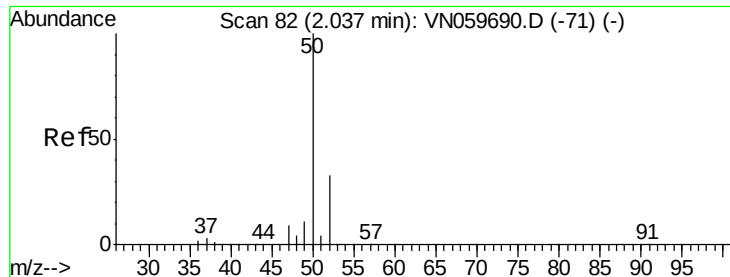
85 100

87 30.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN059942.D (-1) (-)





#3

Chloromethane

Concen: 17.979 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

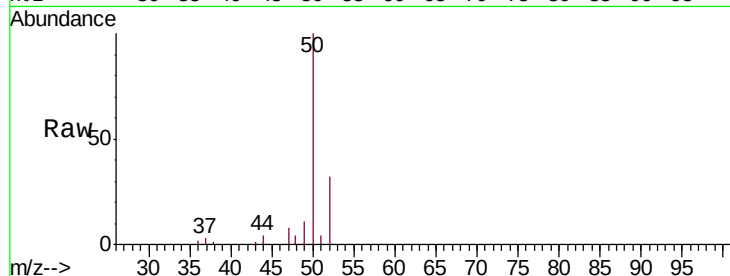
VN0131WBSD01

Tgt Ion: 50 Resp: 35732

Ion Ratio Lower Upper

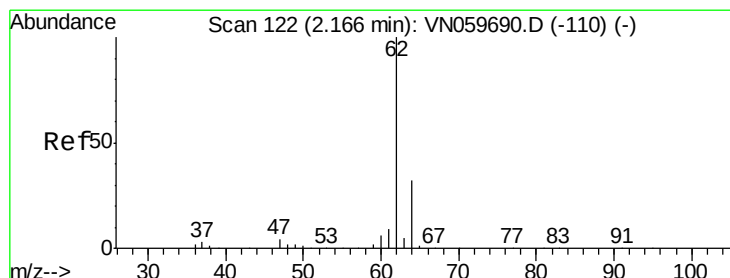
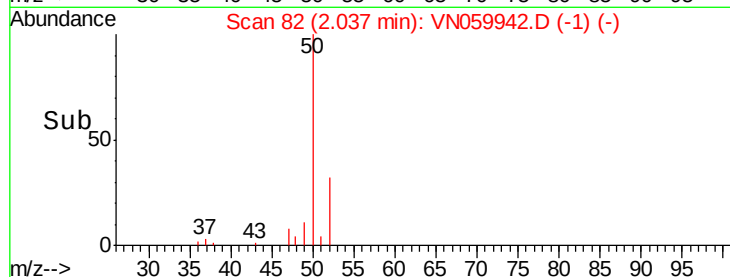
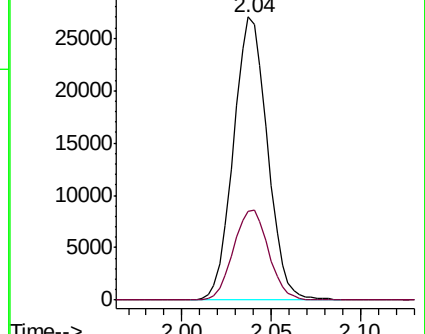
50 100

52 31.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.710 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059942.D

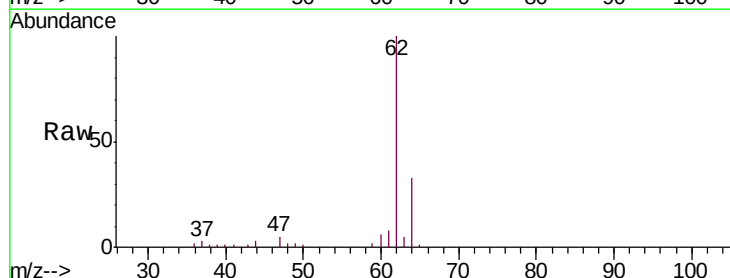
Acq: 31 Jan 2020 13:03

Tgt Ion: 62 Resp: 44820

Ion Ratio Lower Upper

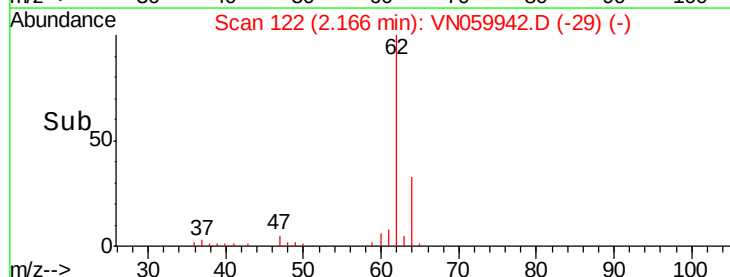
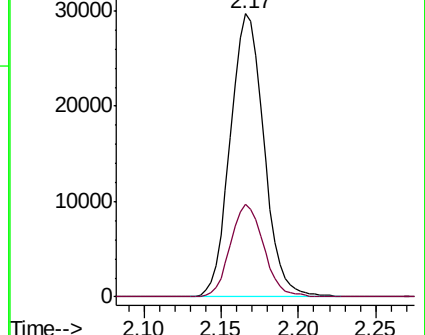
62 100

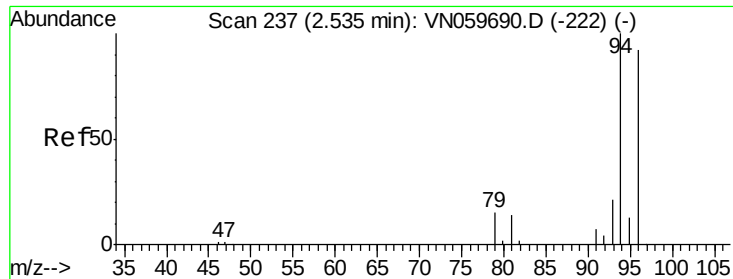
64 32.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.750 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

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Acq: 31 Jan 2020 13:03

Instrument :

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ClientSampleId :

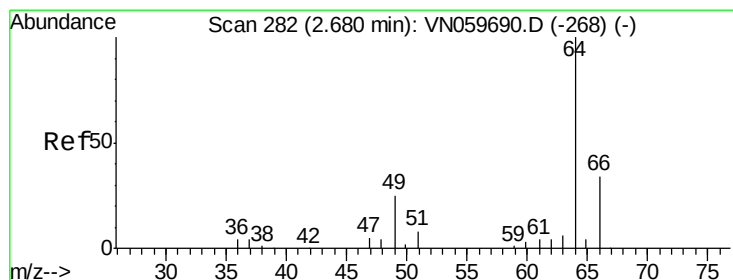
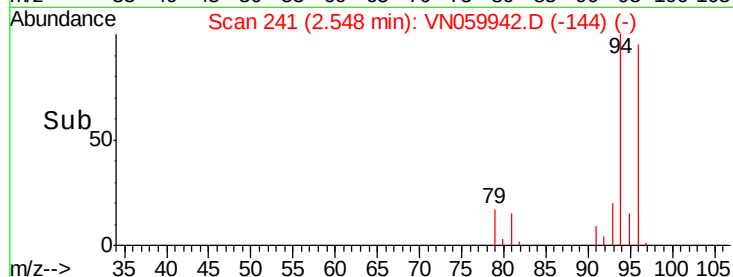
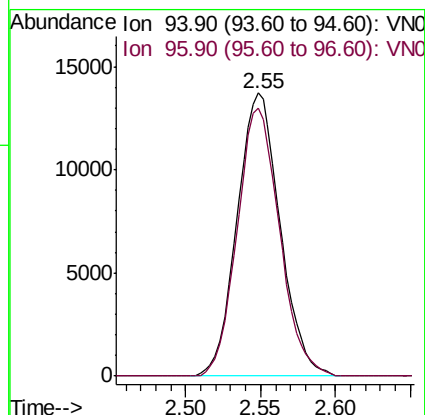
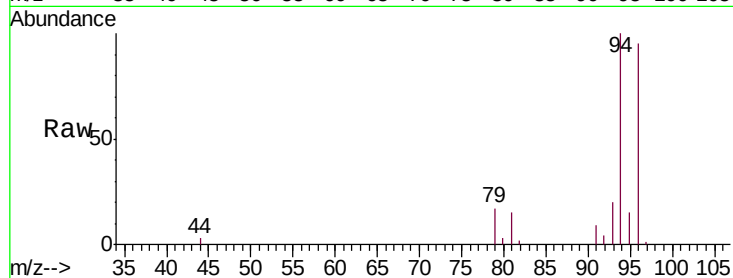
VN0131WBSD01

Tgt Ion: 94 Resp: 27408

Ion Ratio Lower Upper

94 100

96 94.6 74.7 112.1



#6

Chloroethane

Concen: 19.464 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059942.D

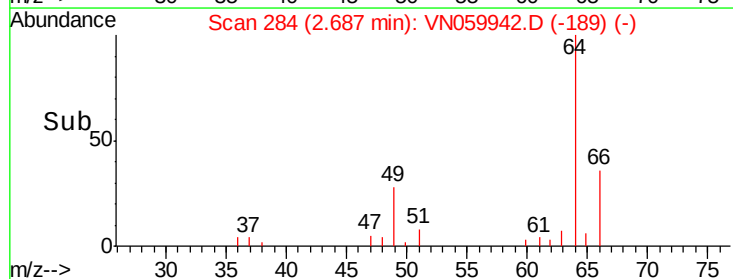
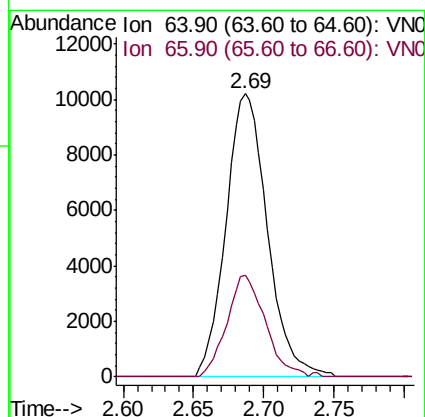
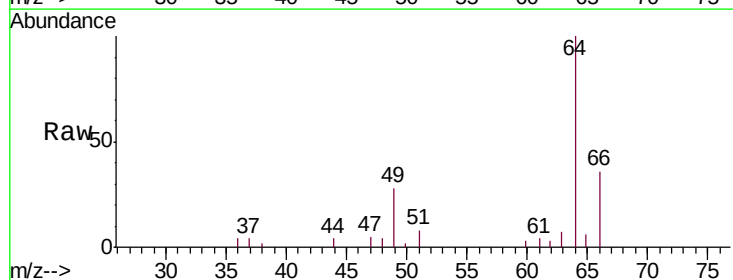
Acq: 31 Jan 2020 13:03

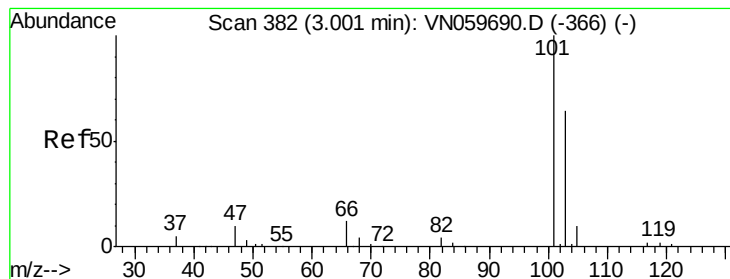
Tgt Ion: 64 Resp: 20939

Ion Ratio Lower Upper

64 100

66 35.9 25.1 37.7



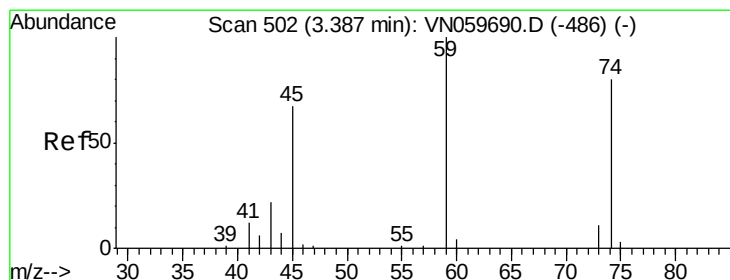
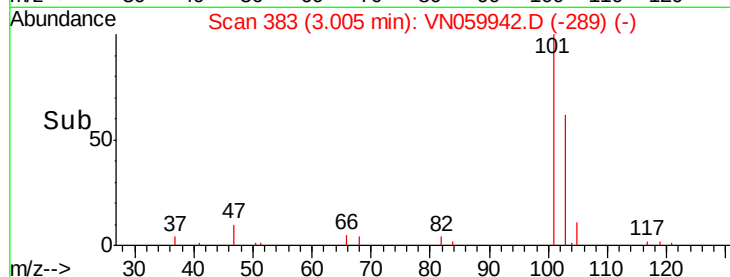
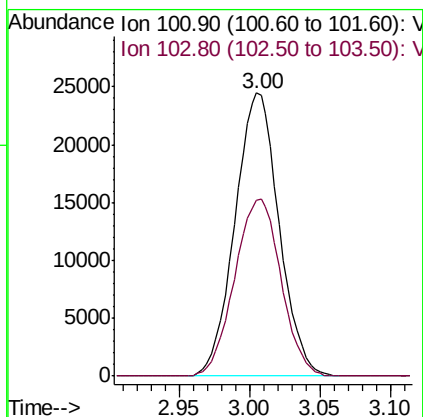
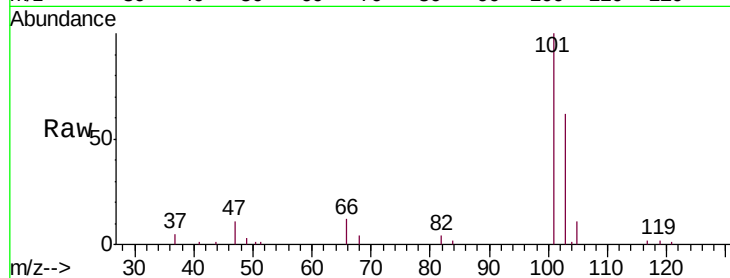


#7

Trichlorofluoromethane
Concen: 19.566 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059942.D
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Instrument :
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VN0131WBSD01

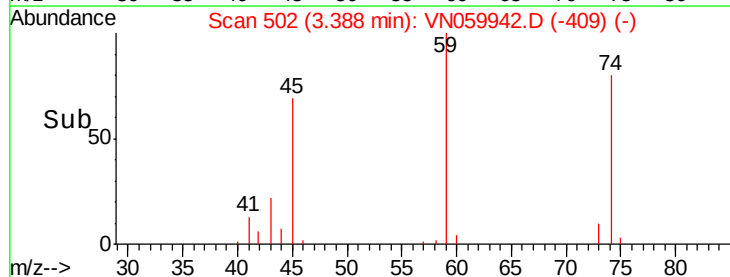
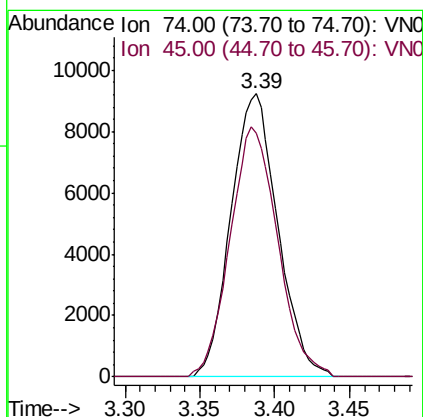
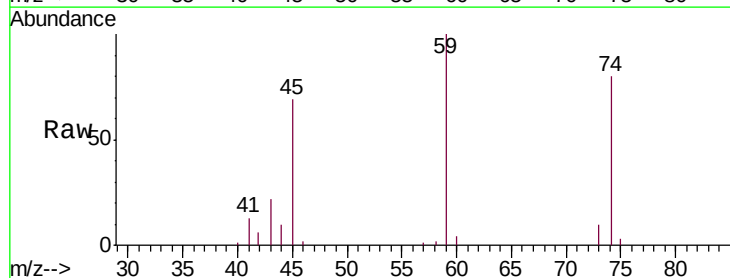
Tgt Ion:101 Resp: 53431
Ion Ratio Lower Upper
101 100
103 62.2 51.0 76.6

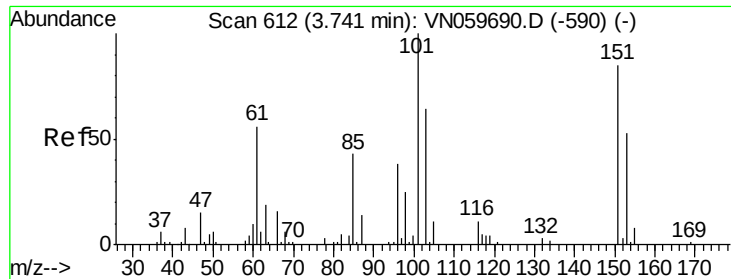


#8

Diethyl Ether
Concen: 21.030 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 74 Resp: 20155
Ion Ratio Lower Upper
74 100
45 89.6 51.9 155.8

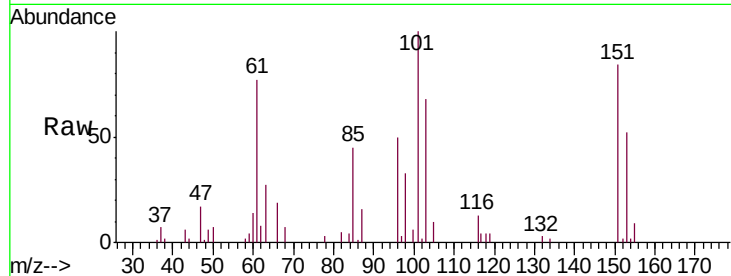




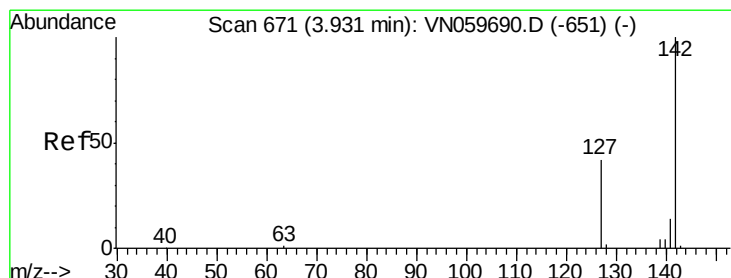
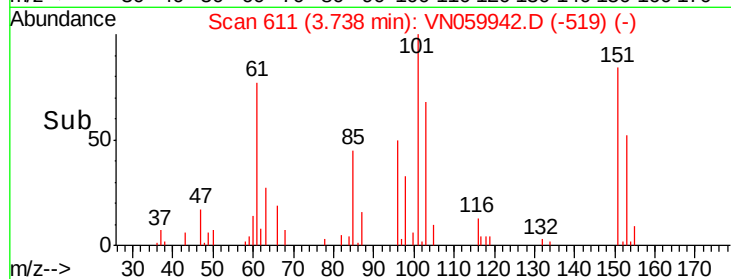
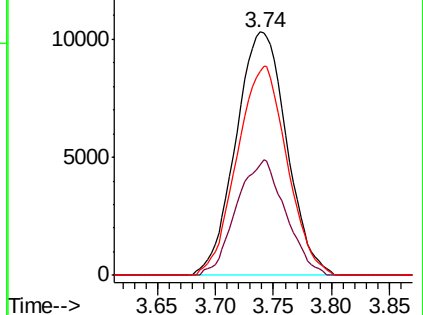
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.644 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Instrument :
 MSVOA_N
 ClientSampled :
 VN0131WBSD01

Tgt Ion:101 Resp: 31377
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.6 54.8
 151 84.5 59.7 89.5

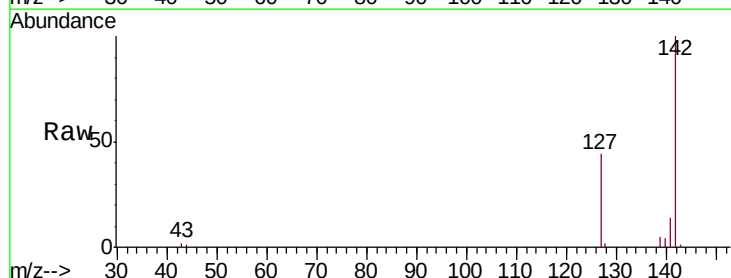


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VN
 Ion 150.80 (150.50 to 151.50): V

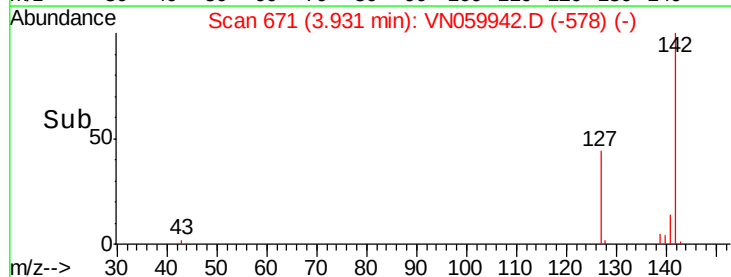
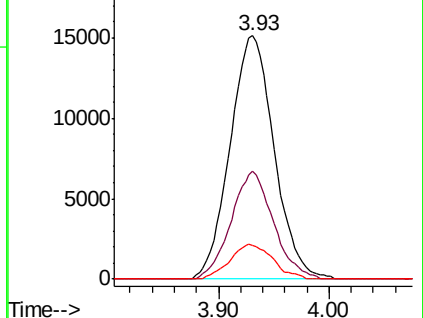


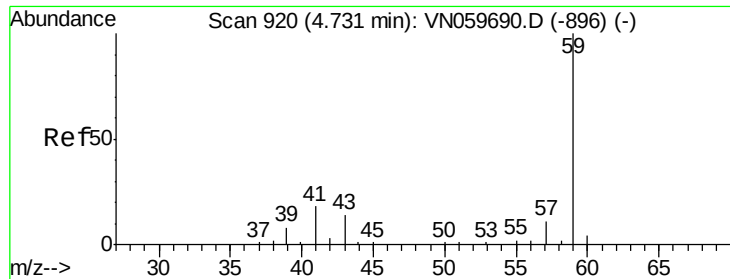
#10
 Methyl Iodide
 Concen: 17.068 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion:142 Resp: 41932
 Ion Ratio Lower Upper
 142 100
 127 42.4 36.7 55.1
 141 13.9 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

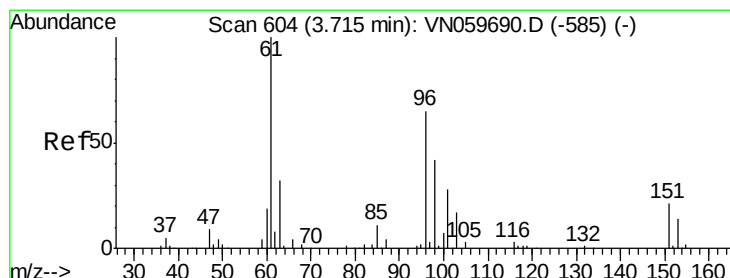
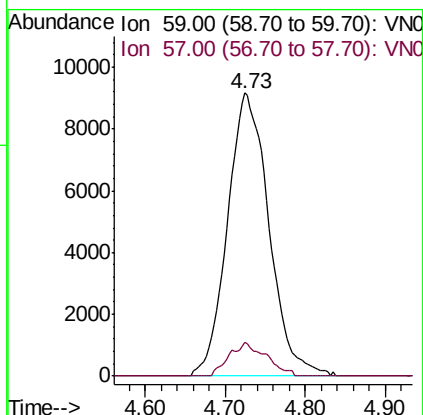
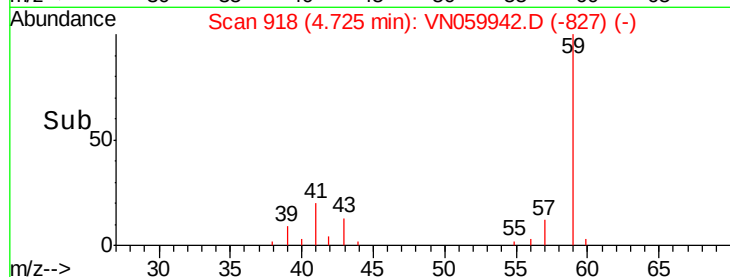
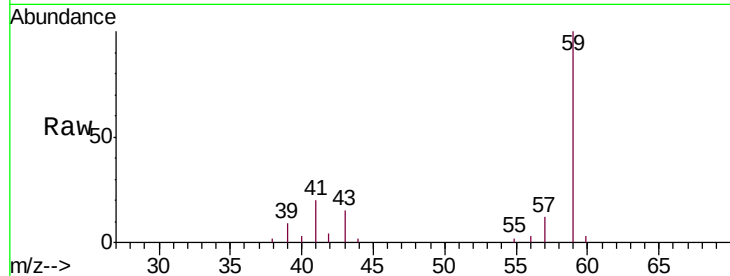




#11
Tert butyl alcohol
Concen: 99.497 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

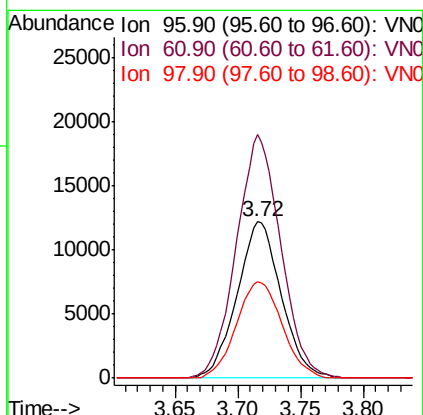
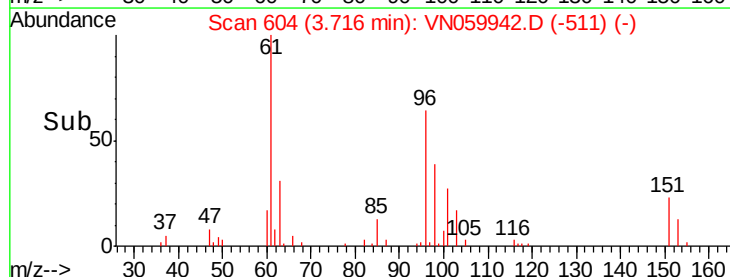
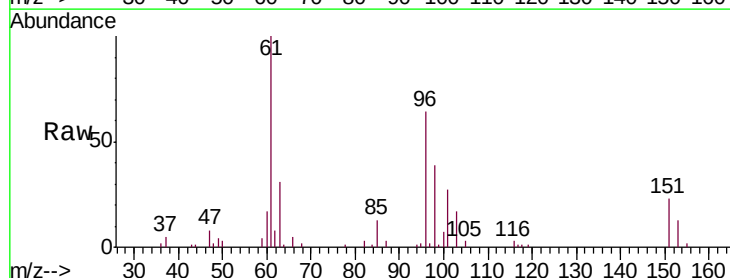
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

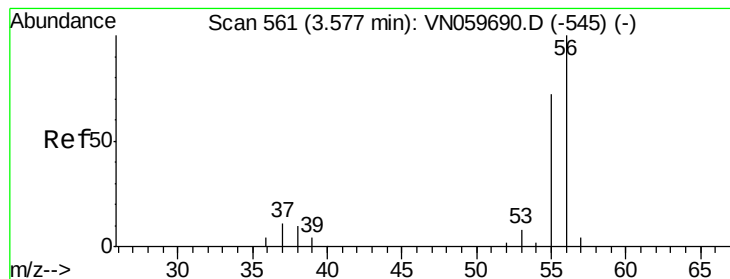
Tgt Ion: 59 Resp: 32290
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.782 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 96 Resp: 29830
Ion Ratio Lower Upper
96 100
61 155.6 137.5 206.3
98 61.4 50.2 75.4





#13

Acrolein

Concen: 50.011 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

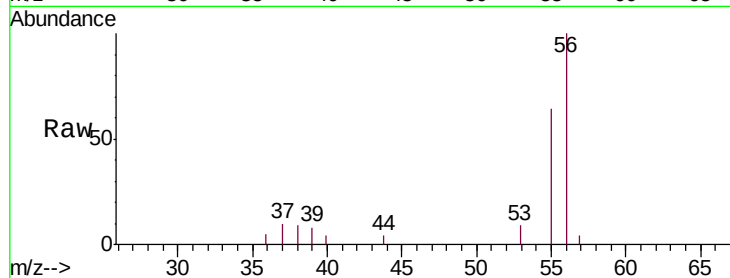
VN0131WBSD01

Tgt Ion: 56 Resp: 11489

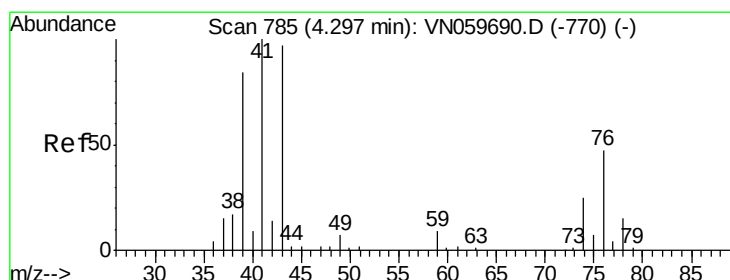
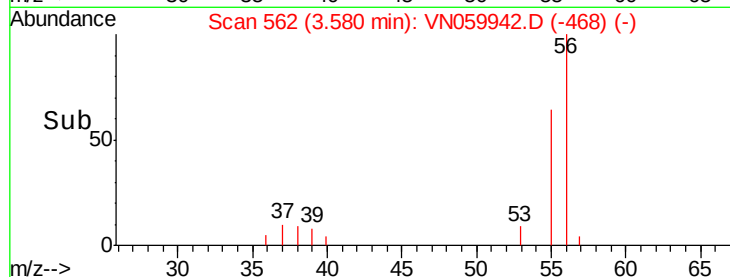
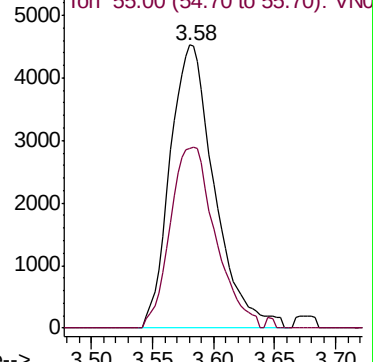
Ion Ratio Lower Upper

56 100

55 64.9 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059942.D (-468) (-)



#14

Allyl chloride

Concen: 20.291 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

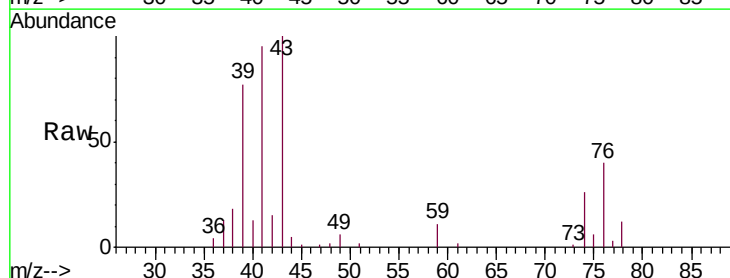
Tgt Ion: 41 Resp: 43437

Ion Ratio Lower Upper

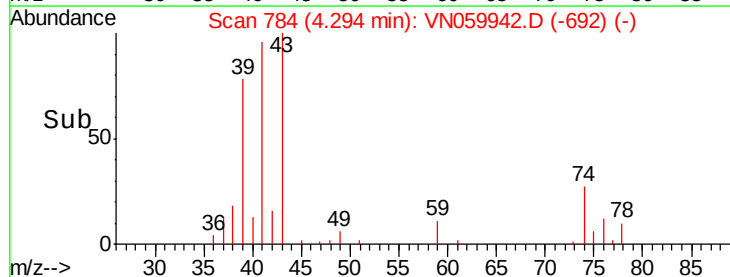
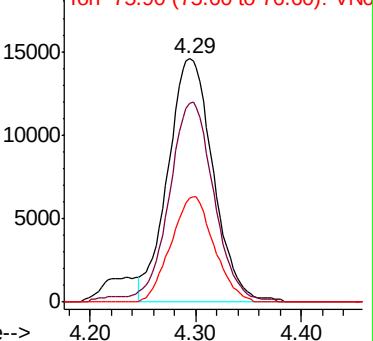
41 100

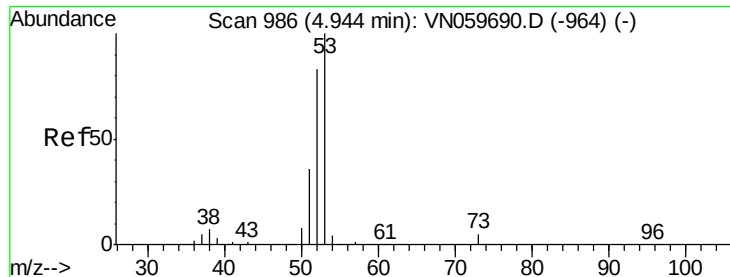
39 82.3 57.8 86.8

76 41.1 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN059942.D (-692) (-)





#15

Acrylonitrile

Concen: 104.995 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

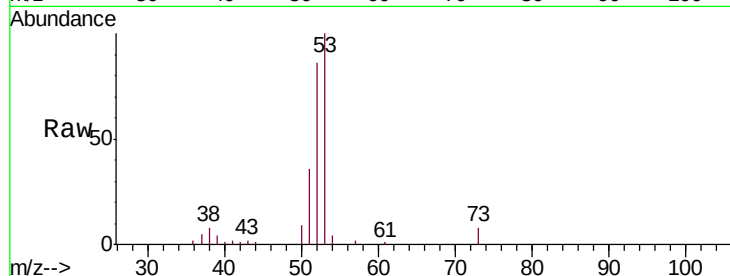
Tgt Ion: 53 Resp: 77726

Ion Ratio Lower Upper

53 100

52 84.8 66.3 99.5

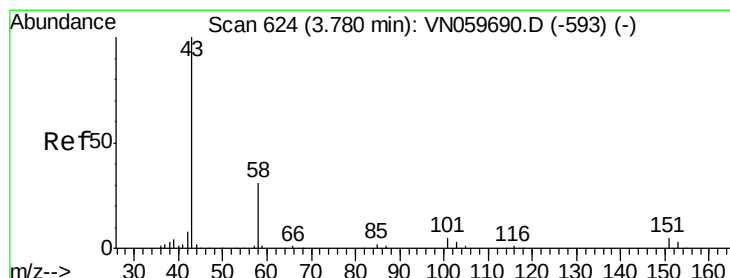
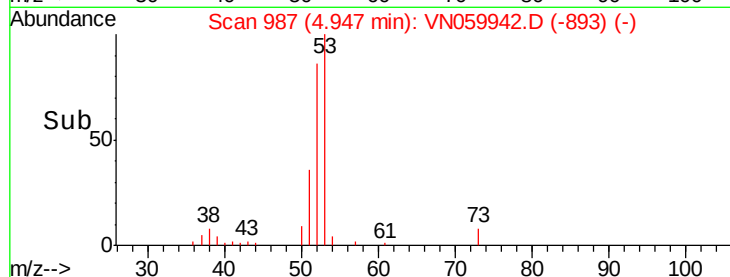
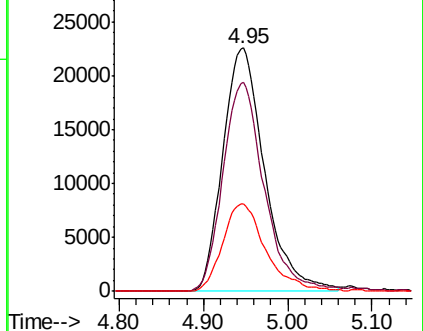
51 37.1 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 141.732 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059942.D

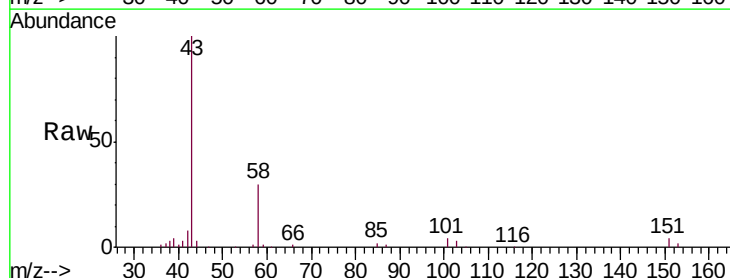
Acq: 31 Jan 2020 13:03

Tgt Ion: 43 Resp: 96041

Ion Ratio Lower Upper

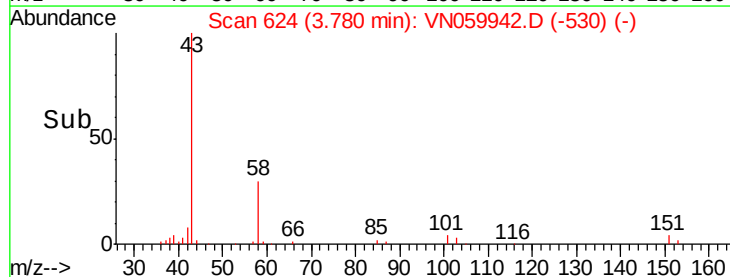
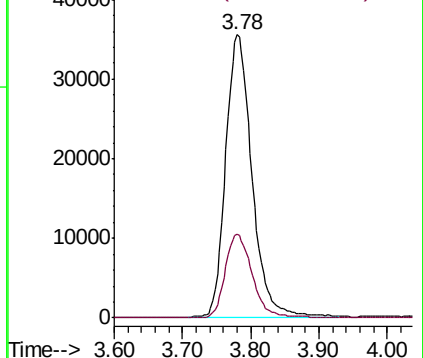
43 100

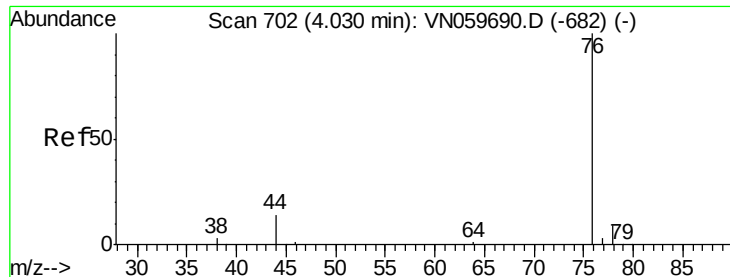
58 29.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

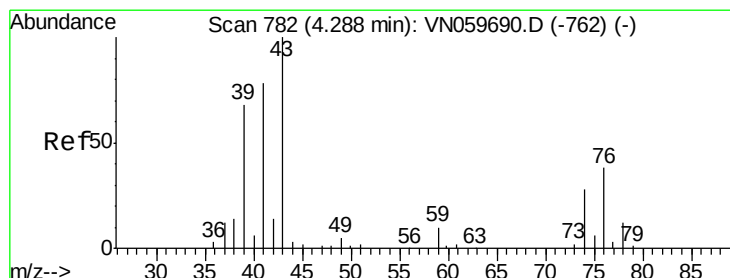
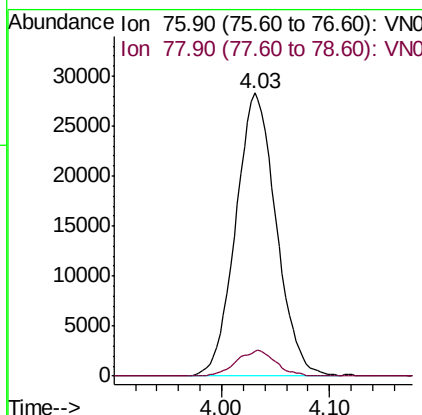
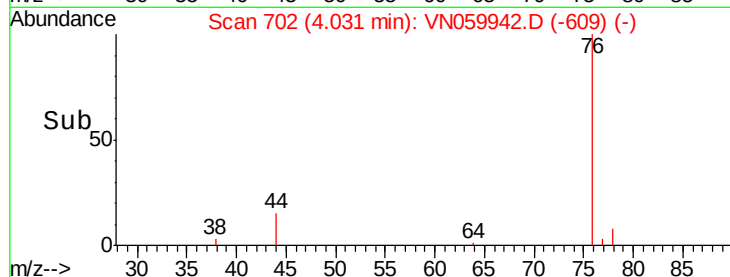
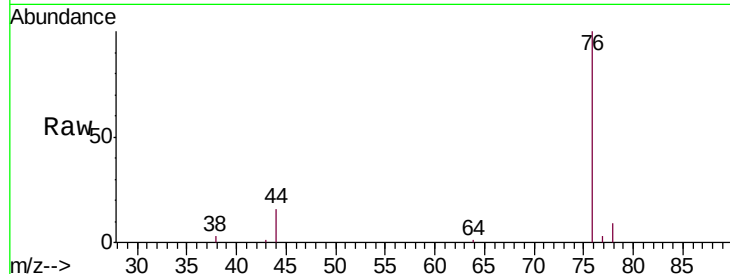




#17
Carbon Disulfide
Concen: 16.316 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

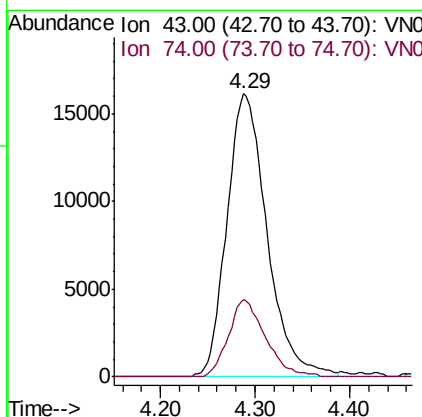
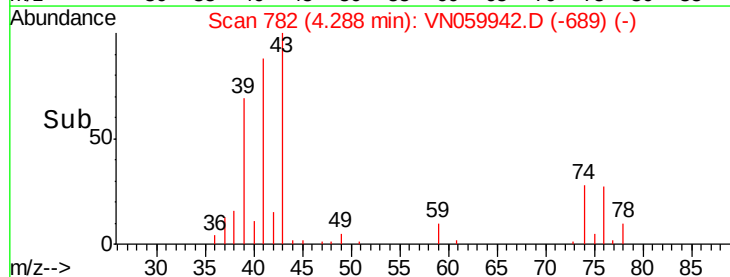
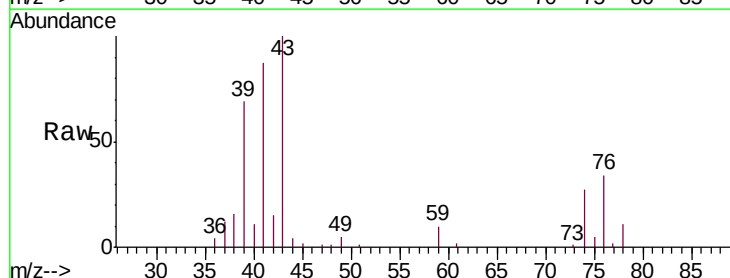
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

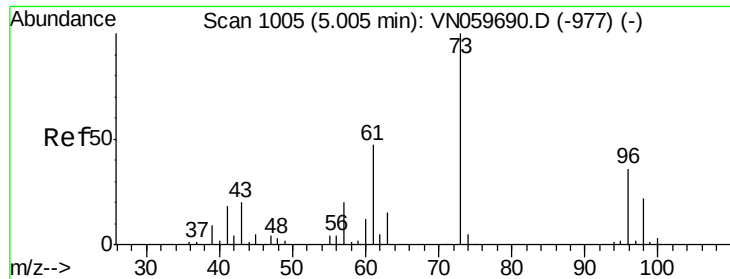
Tgt Ion: 76 Resp: 73815
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 21.169 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 43 Resp: 47667
Ion Ratio Lower Upper
43 100
74 25.3 17.5 26.3

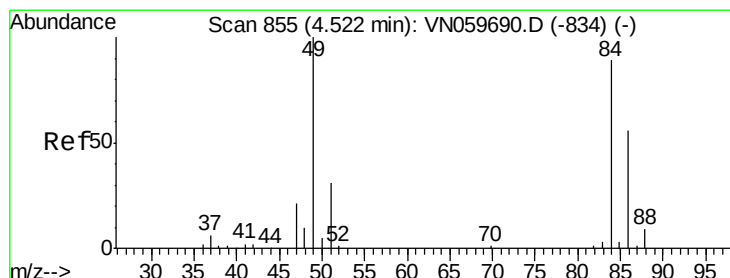
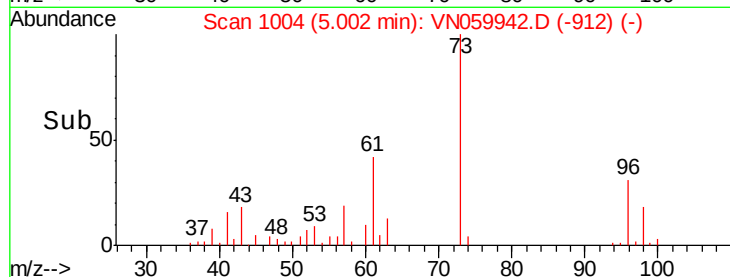
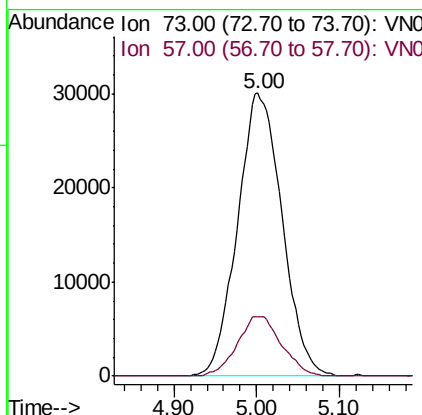
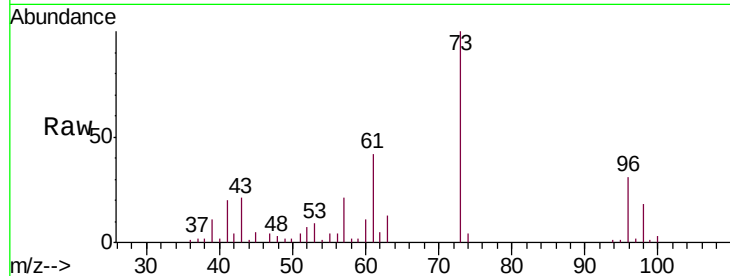




#19
Methyl tert-butyl Ether
Concen: 21.645 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

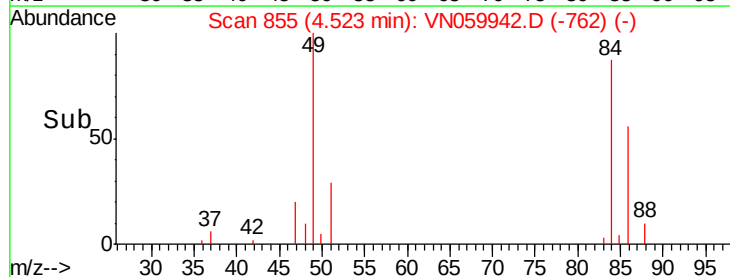
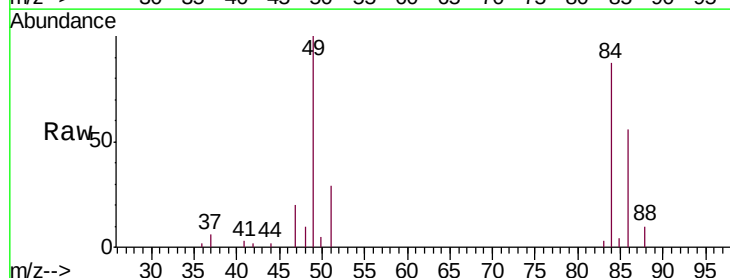
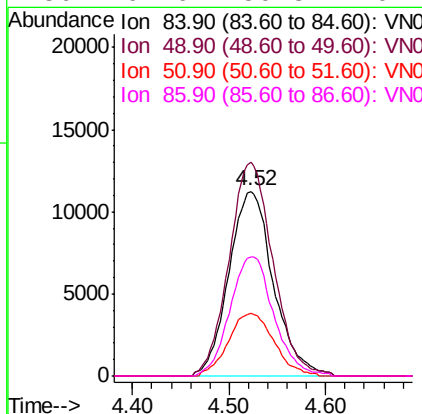
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

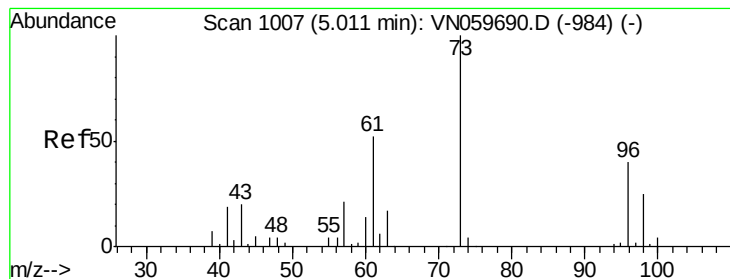
Tgt Ion: 73 Resp: 112082
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 19.829 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 84 Resp: 35947
Ion Ratio Lower Upper
84 100
49 115.6 106.6 160.0
51 34.0 31.9 47.9
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.675 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

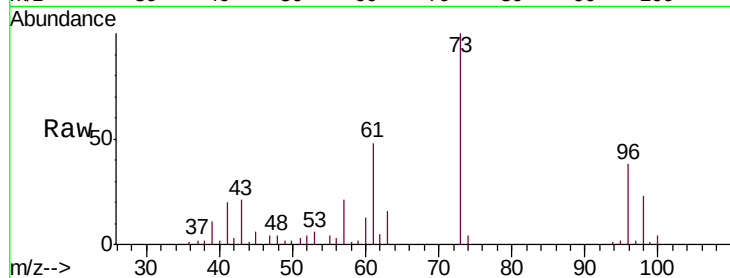
Tgt Ion: 96 Resp: 33216

Ion Ratio Lower Upper

96 100

61 127.0 120.4 180.6

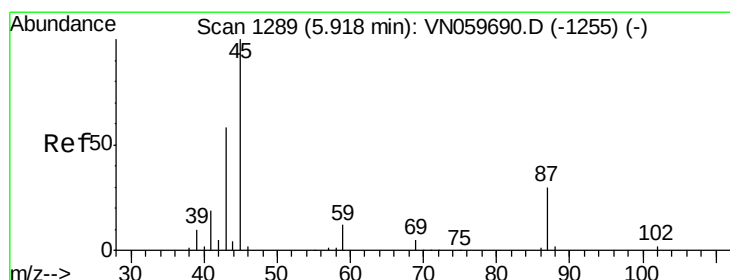
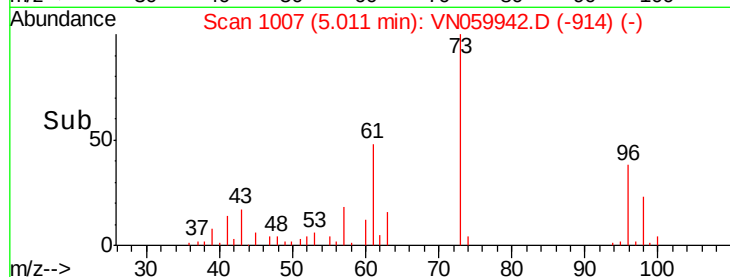
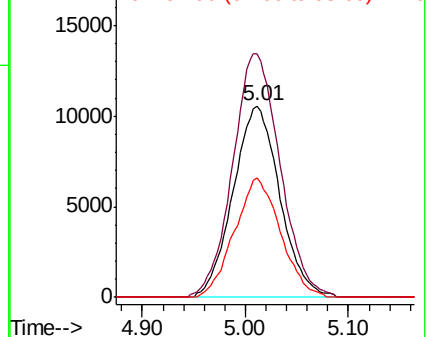
98 62.4 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.988 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Tgt Ion: 45 Resp: 101818

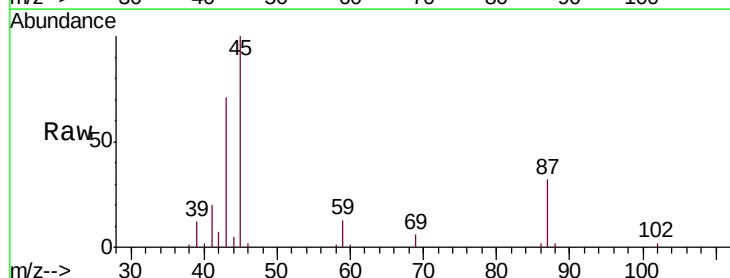
Ion Ratio Lower Upper

45 100

43 69.0 50.8 76.2

87 31.7 21.0 31.6#

59 13.5 9.1 13.7

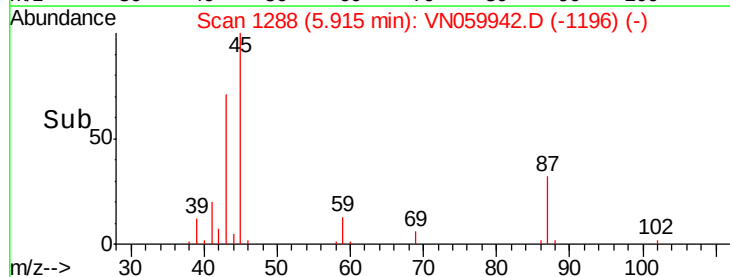
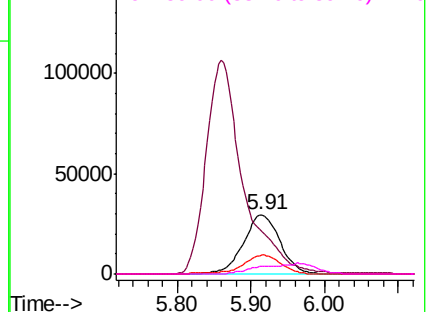


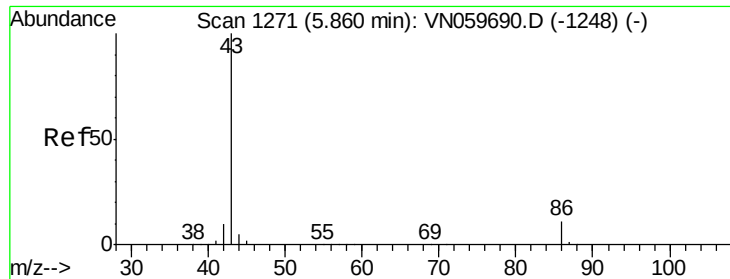
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 99.408 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

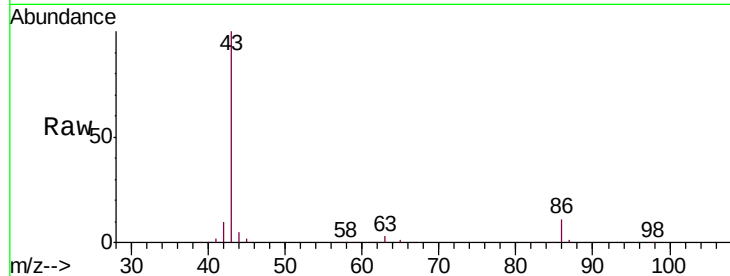
VN0131WBSD01

Tgt Ion: 43 Resp: 373375

Ion Ratio Lower Upper

43 100

86 11.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN059942.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059942.D (-1178) (-)

5.86

120000

100000

80000

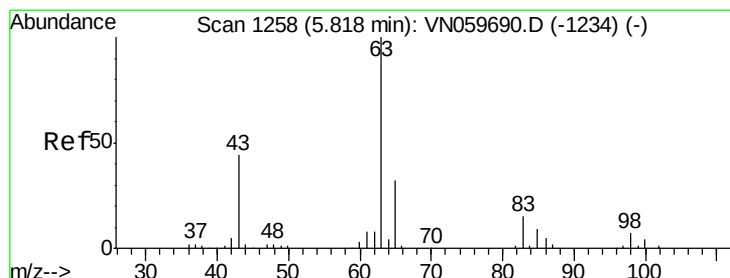
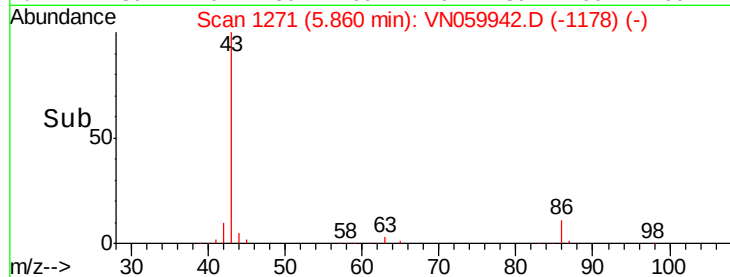
60000

40000

20000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.627 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

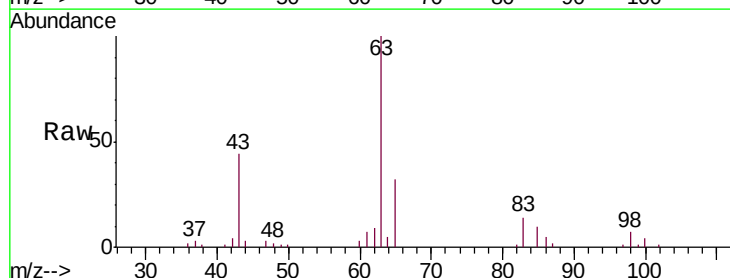
Tgt Ion: 63 Resp: 61141

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.7

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059942.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059942.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059942.D (-1165) (-)

5.82

25000

20000

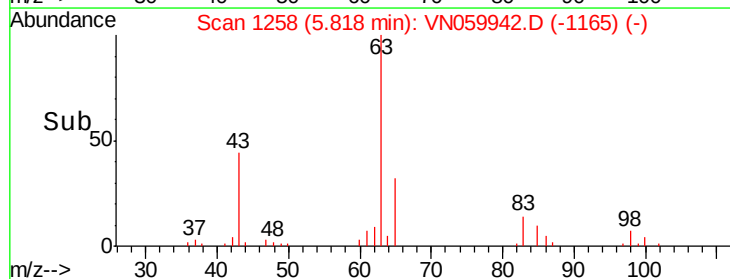
15000

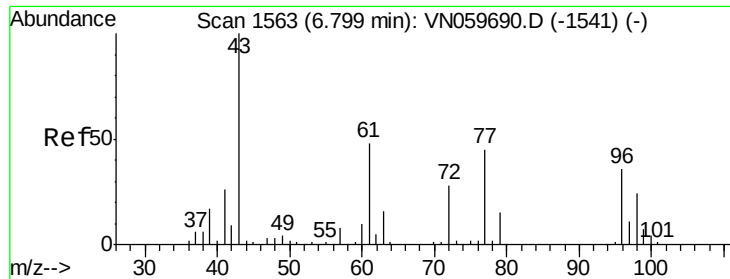
10000

5000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 105.770 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

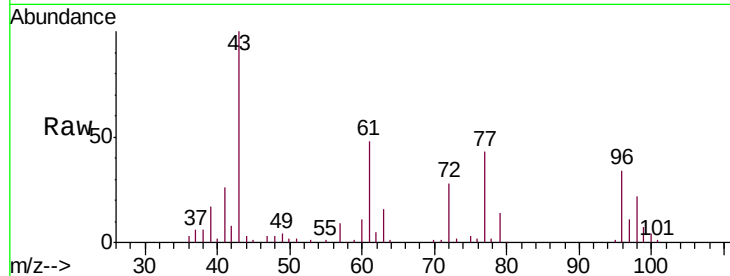
VN0131WBSD01

Tgt Ion: 43 Resp: 115468

Ion Ratio Lower Upper

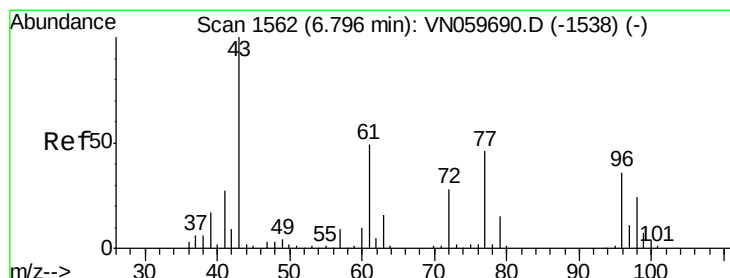
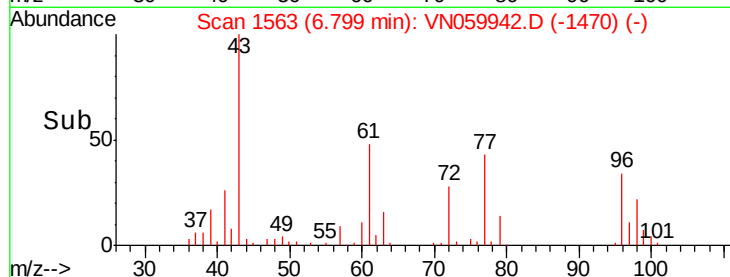
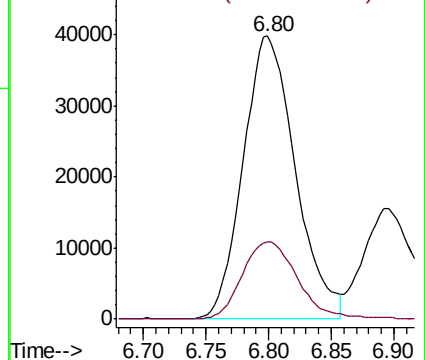
43 100

72 27.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.093 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059942.D

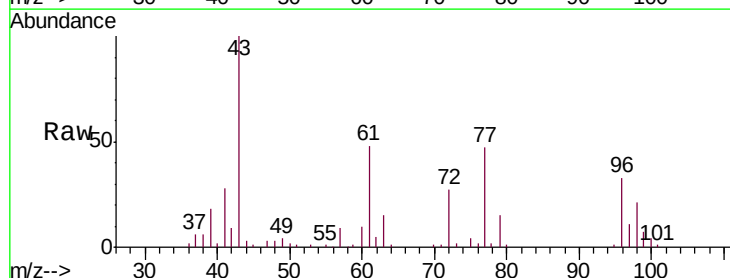
Acq: 31 Jan 2020 13:03

Tgt Ion: 77 Resp: 57259

Ion Ratio Lower Upper

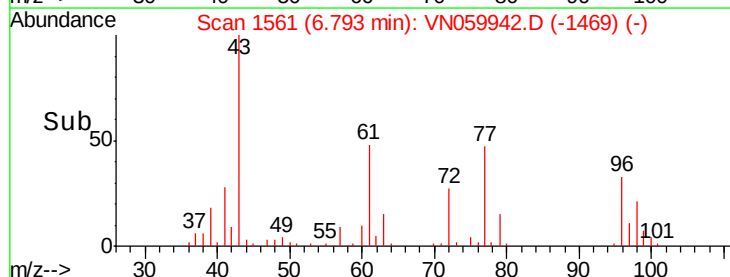
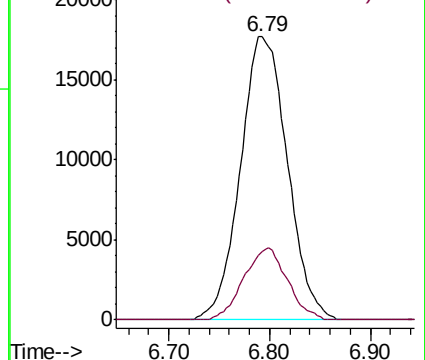
77 100

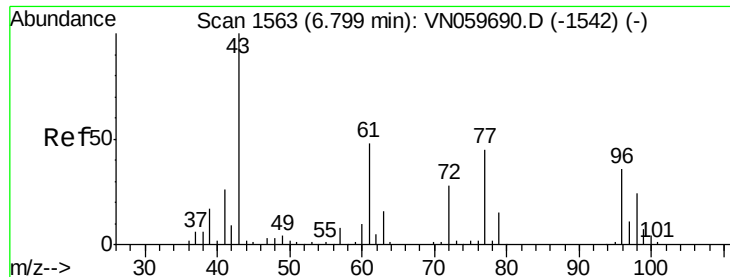
97 23.6 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.471 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

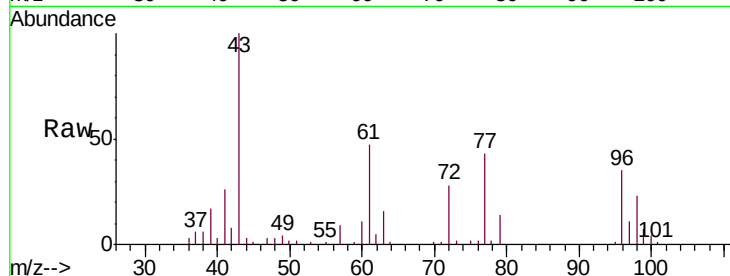
Tgt Ion: 96 Resp: 39750

Ion Ratio Lower Upper

96 100

61 139.4 0.0 317.6

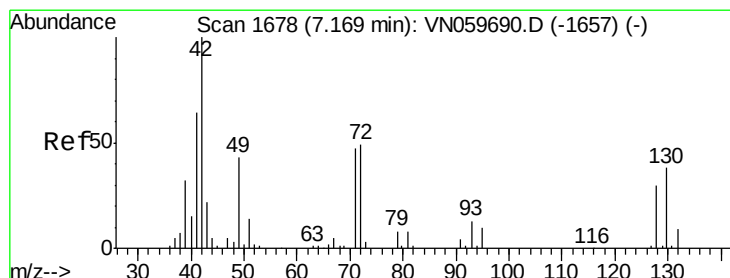
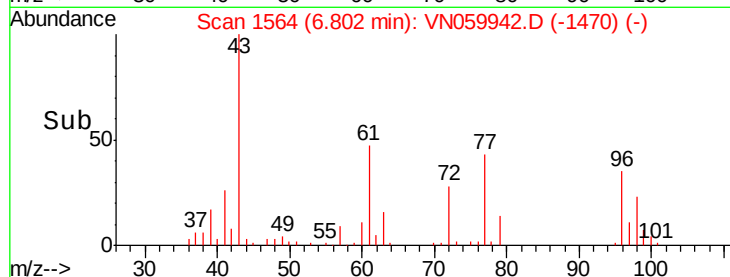
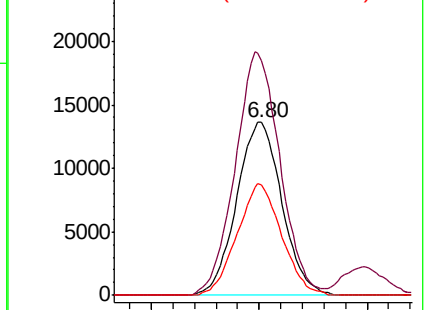
98 63.2 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.500 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

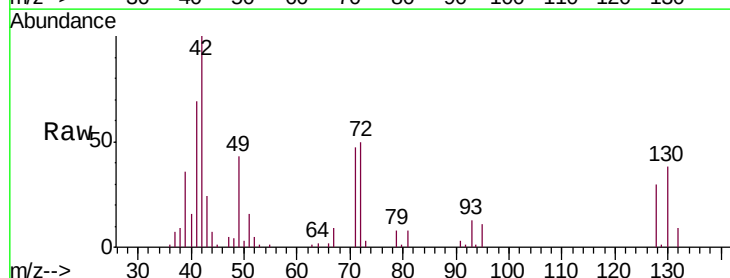
Tgt Ion: 49 Resp: 23102

Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.4

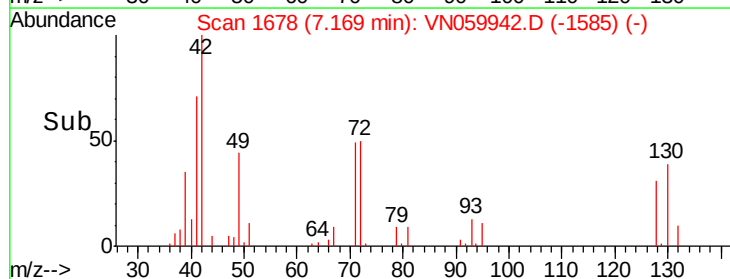
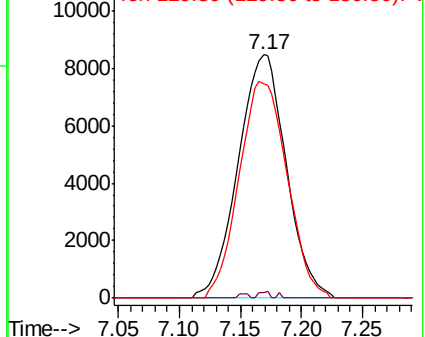
130 88.7 54.7 82.1#

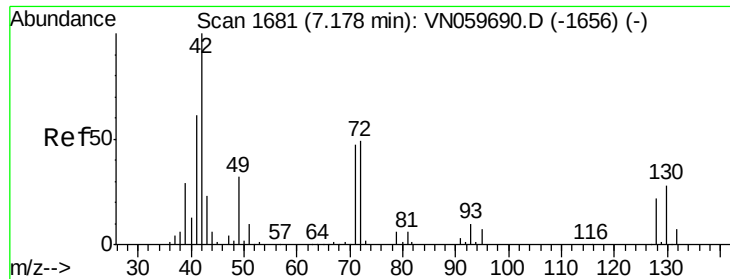


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

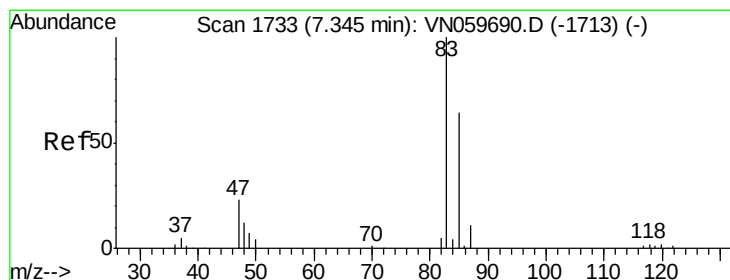
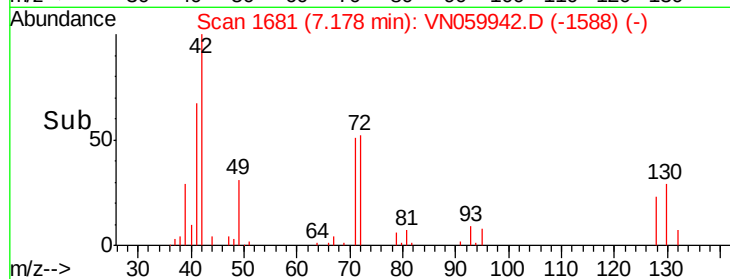
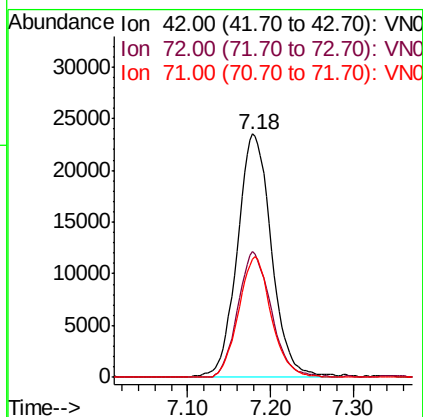
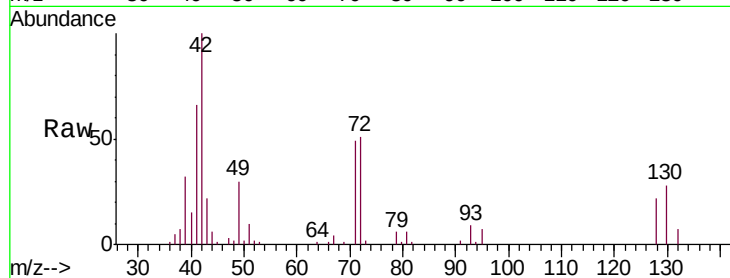




#29
Tetrahydrofuran
Concen: 99.995 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

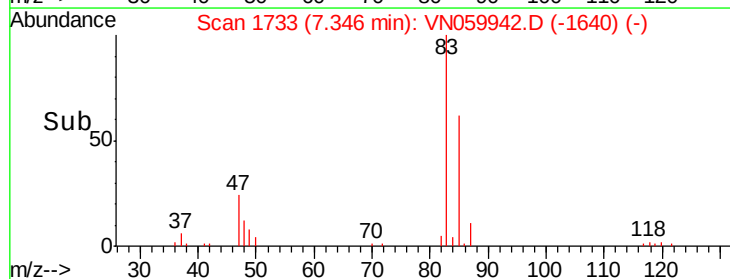
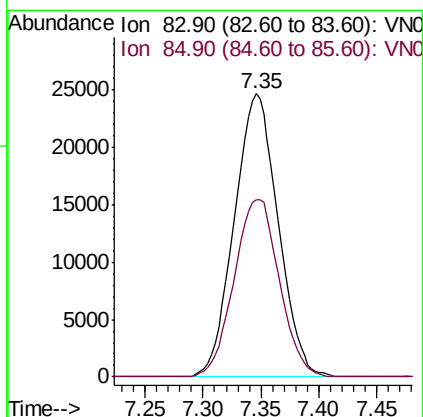
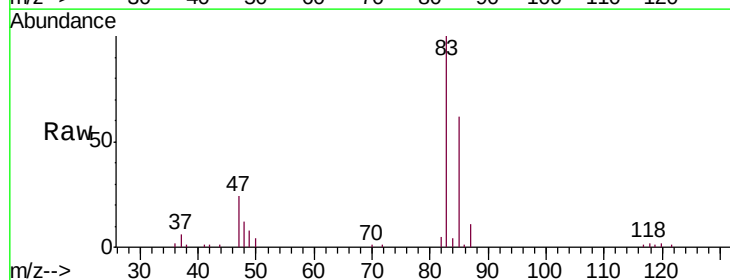
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

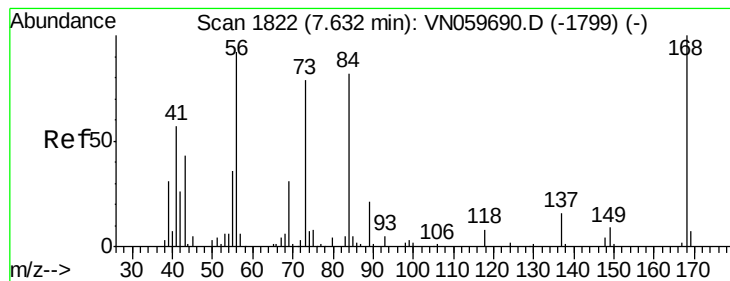
Tgt Ion: 42 Resp: 67542
Ion Ratio Lower Upper
42 100
72 50.2 33.1 49.7#
71 47.1 31.4 47.0#



#30
Chloroform
Concen: 21.108 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 83 Resp: 64827
Ion Ratio Lower Upper
83 100
85 62.4 52.4 78.6





#31

Cyclohexane

Concen: 18.340 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

VN0131WBSD01

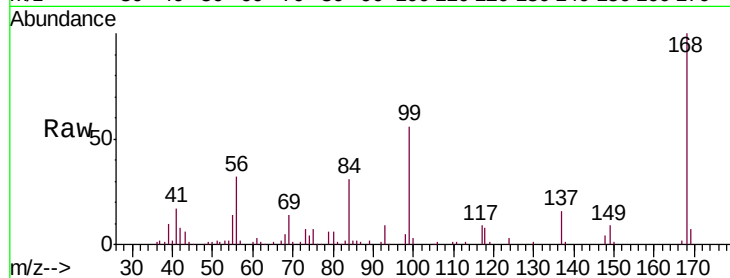
Tgt Ion: 56 Resp: 52311

Ion Ratio Lower Upper

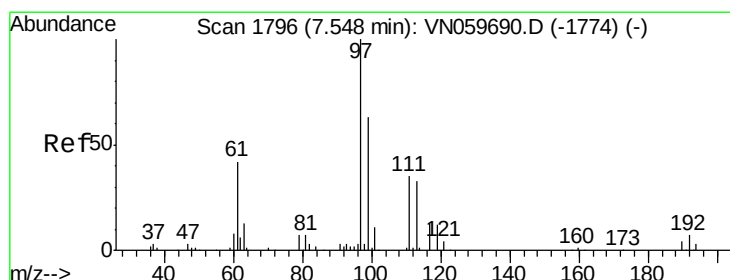
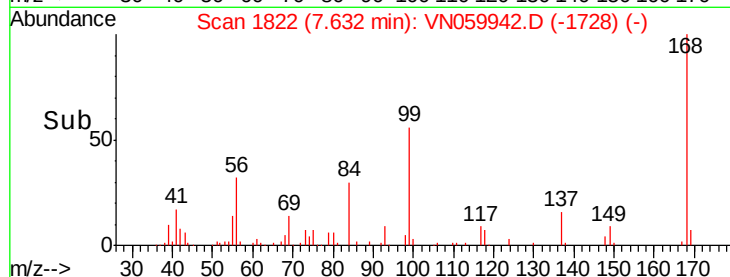
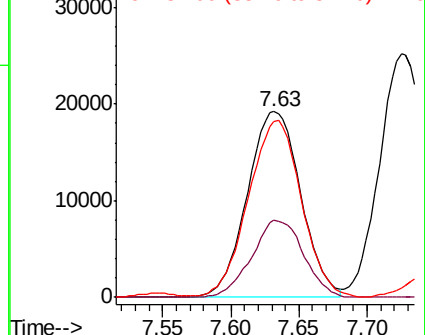
56 100

69 41.8 26.5 39.7#

84 93.9 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 20.408 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

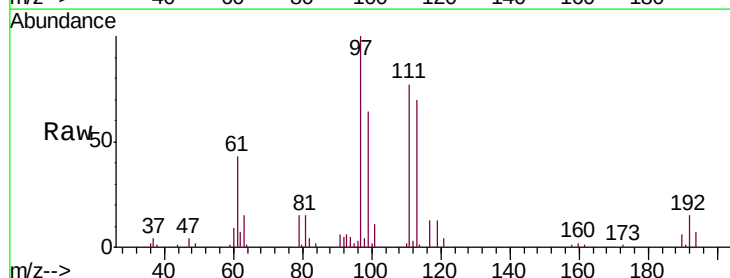
Tgt Ion: 97 Resp: 57953

Ion Ratio Lower Upper

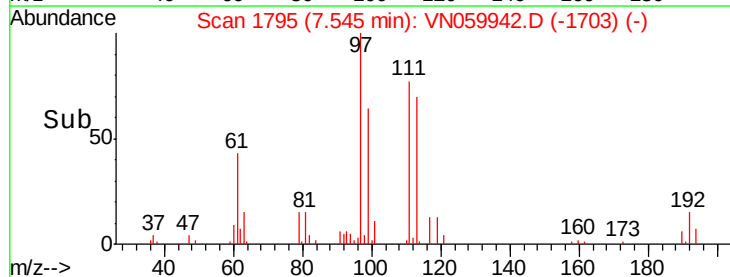
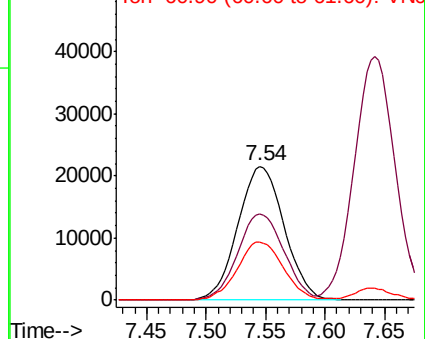
97 100

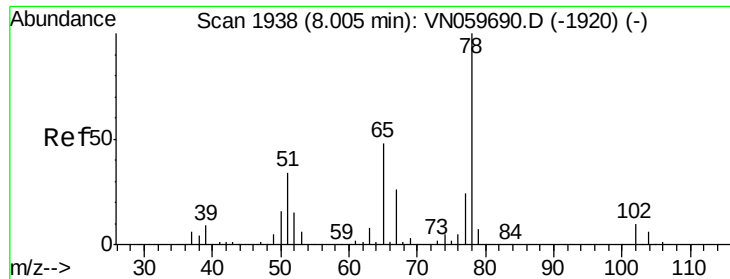
99 64.6 51.0 76.4

61 43.2 38.5 57.7



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

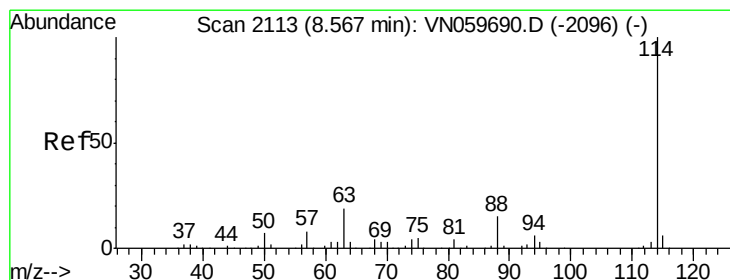
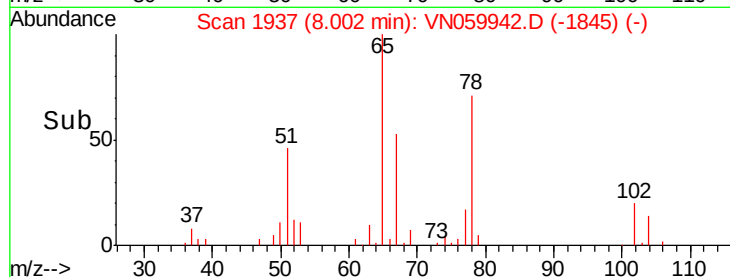
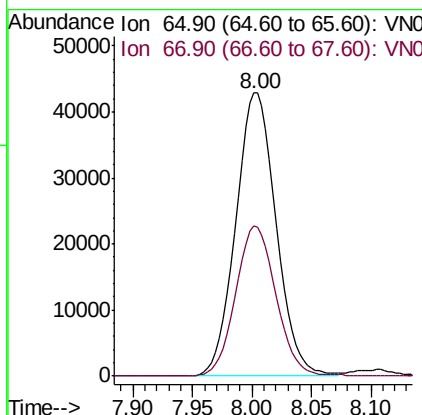
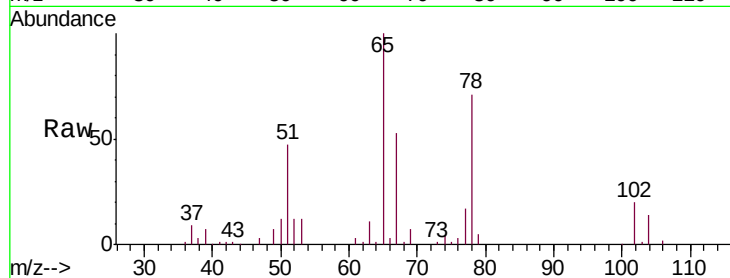




#33
 1,2-Dichloroethane-d4
 Concen: 52.311 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

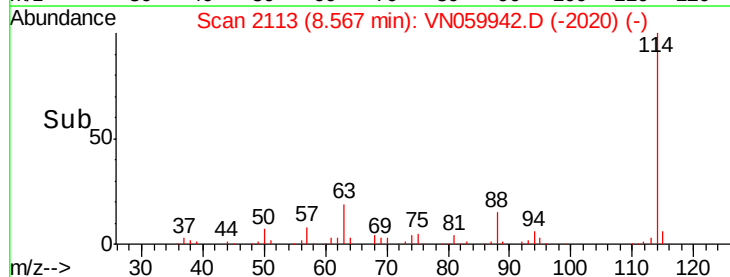
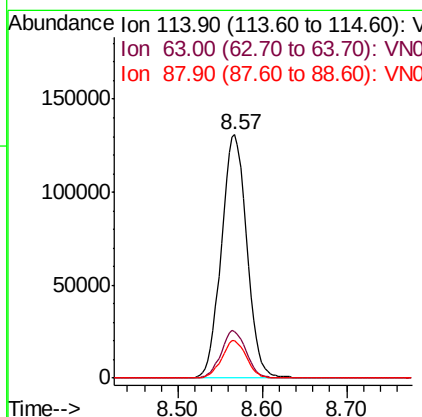
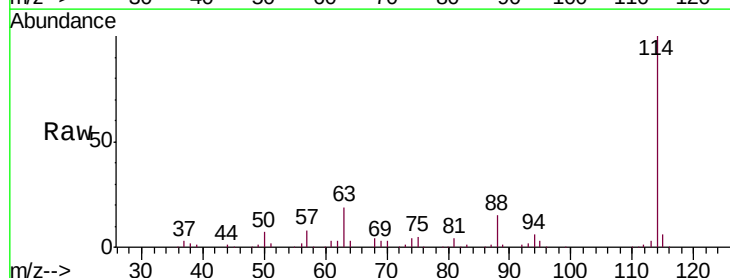
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

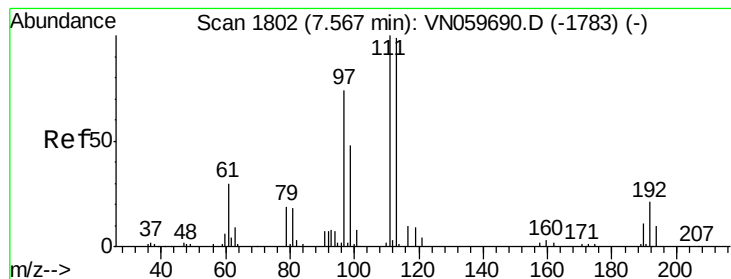
Tgt Ion: 65 Resp: 100845
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion: 114 Resp: 274309
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.183 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

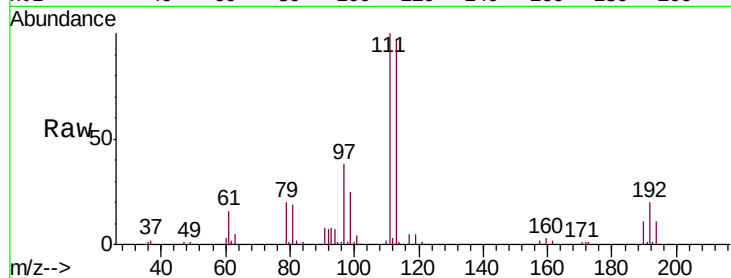
Tgt Ion: 113 Resp: 83727

Ion Ratio Lower Upper

113 100

111 103.6 83.5 125.3

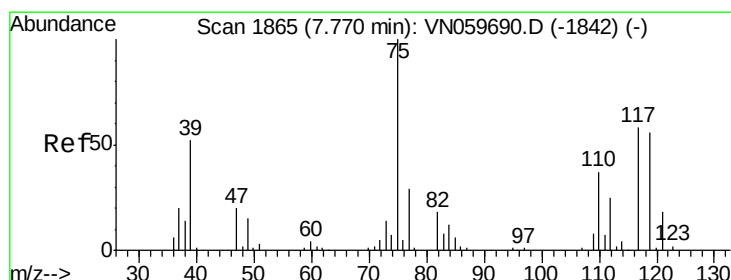
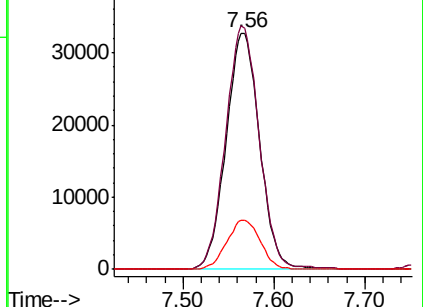
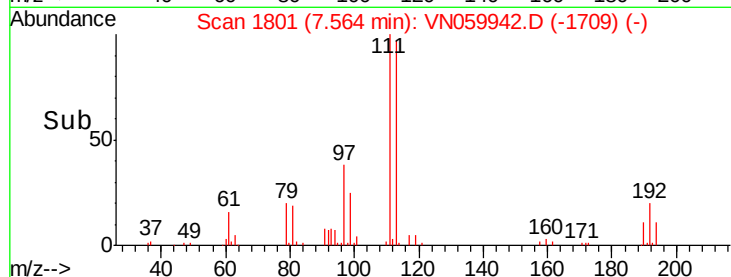
192 20.7 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.203 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

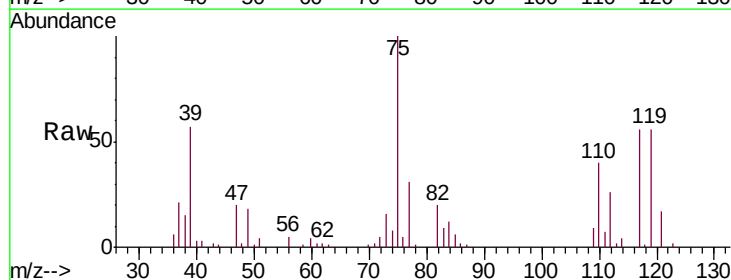
Tgt Ion: 75 Resp: 45871

Ion Ratio Lower Upper

75 100

110 37.8 16.6 49.7

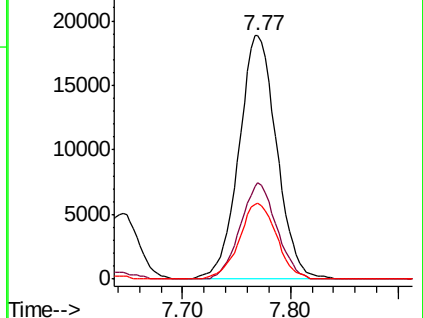
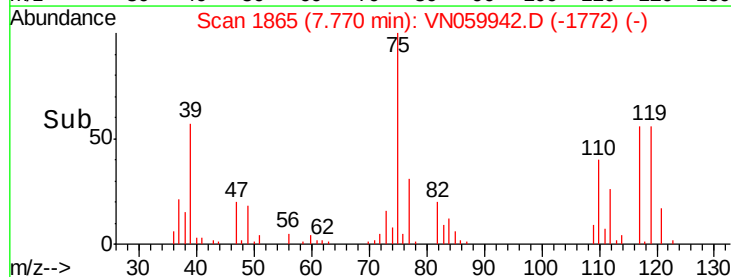
77 30.8 25.1 37.7

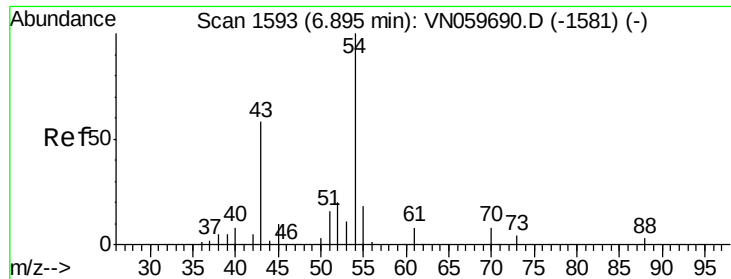


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

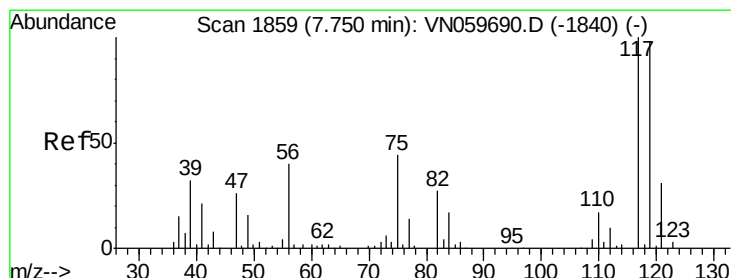
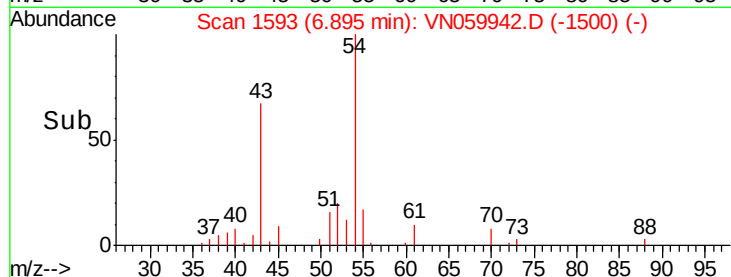
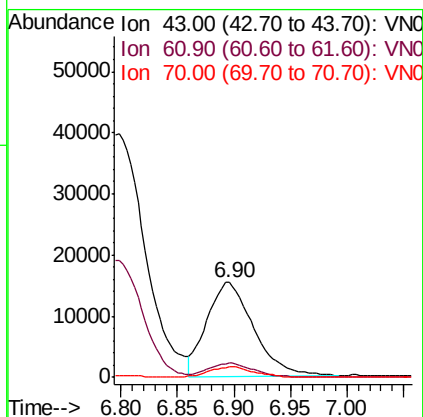
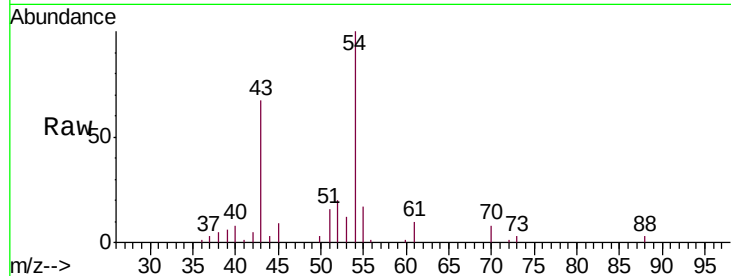




#37
Ethyl Acetate
Concen: 19.752 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

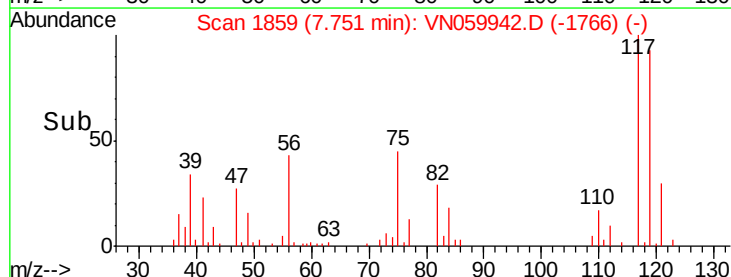
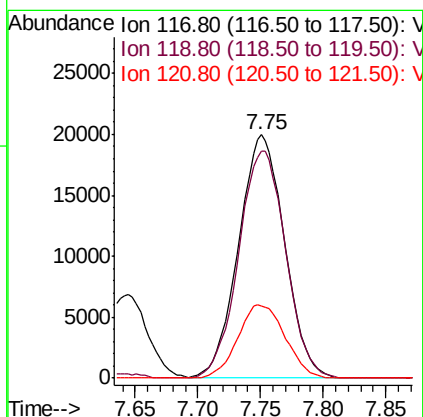
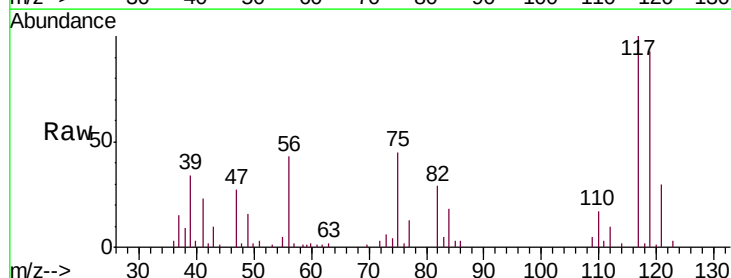
Instrument :
MSVOA_N
ClientSampled :
VN0131WBSD01

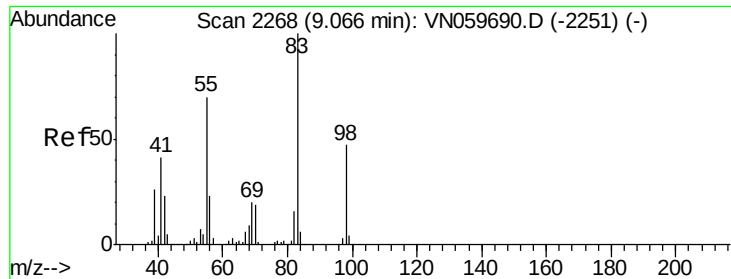
Tgt Ion: 43 Resp: 44253
Ion Ratio Lower Upper
43 100
61 14.2 10.9 16.3
70 10.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.603 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 117 Resp: 50939
Ion Ratio Lower Upper
117 100
119 93.2 76.5 114.7
121 29.7 25.1 37.7

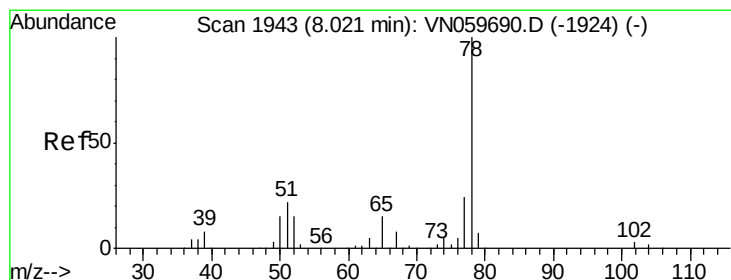
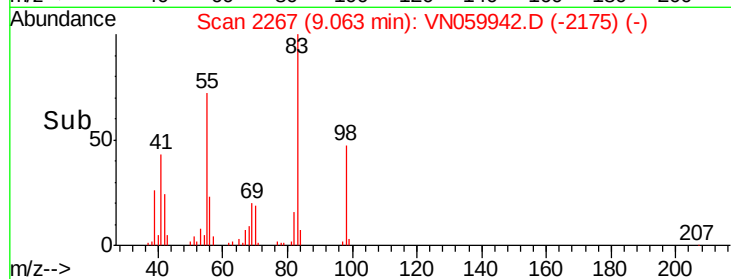
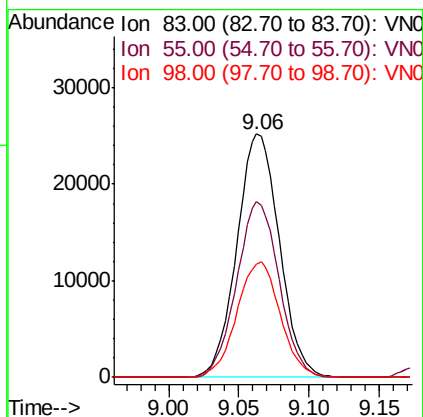
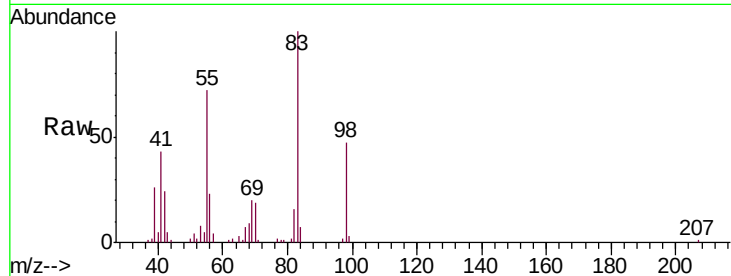




#39
Methylcyclohexane
Concen: 18.090 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

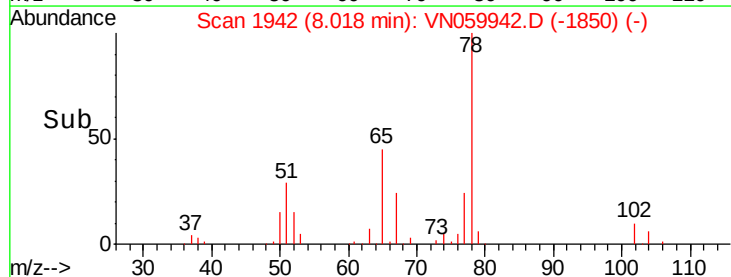
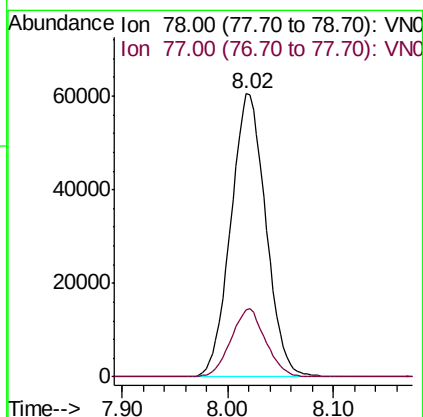
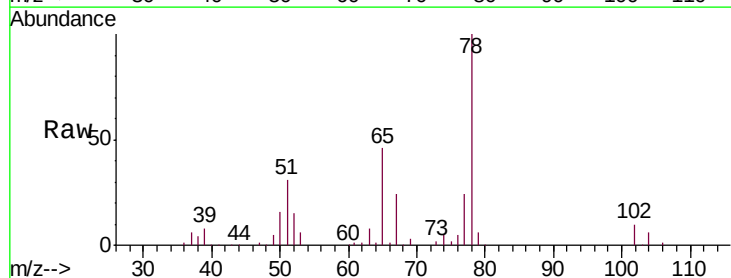
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

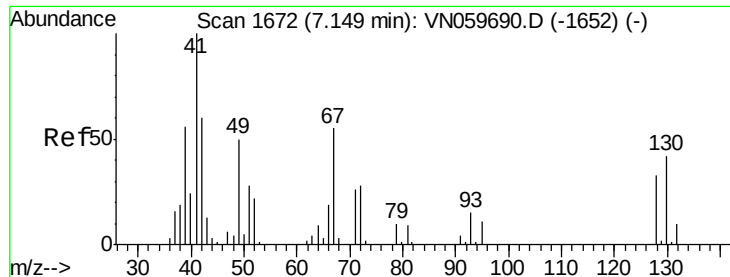
Tgt Ion: 83 Resp: 53282
Ion Ratio Lower Upper
83 100
55 72.2 64.2 96.2
98 46.6 35.9 53.9



#40
Benzene
Concen: 19.581 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 78 Resp: 139502
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

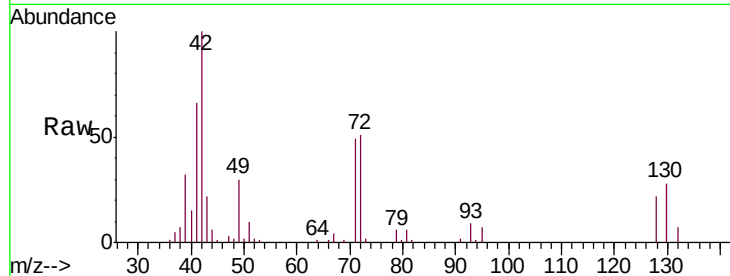




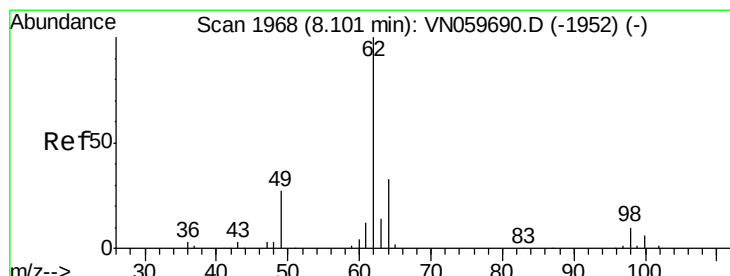
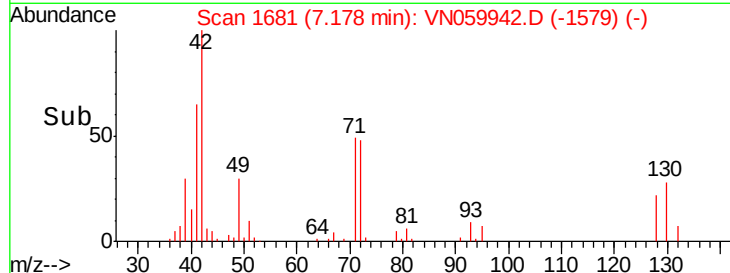
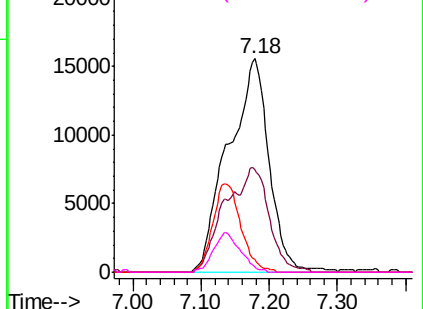
#41
Methacrylonitrile
Concen: 58.626 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion:	41	Resp:	64697
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

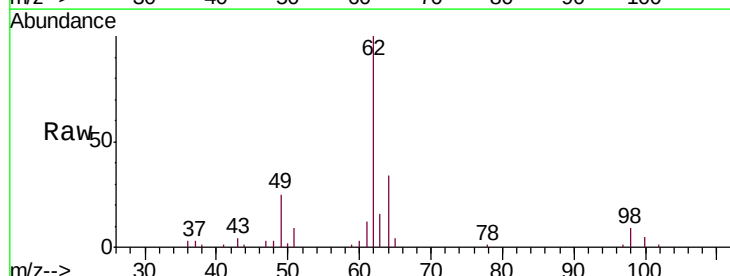


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

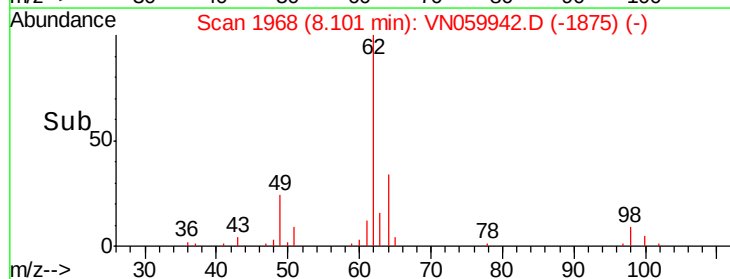
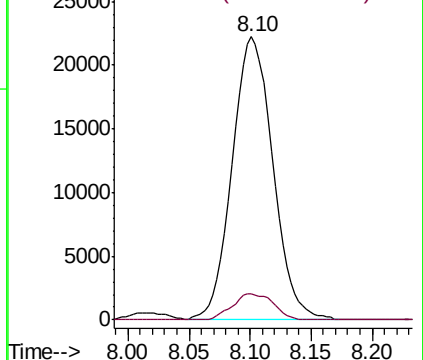


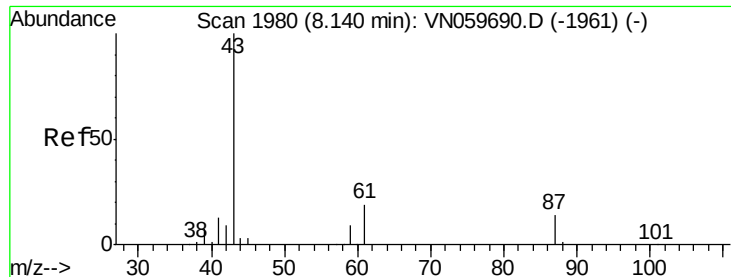
#42
1,2-Dichloroethane
Concen: 21.328 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion:	62	Resp:	51518
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.626 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

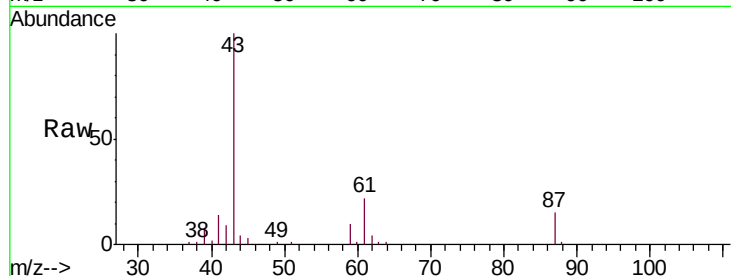
Tgt Ion: 43 Resp: 75633

Ion Ratio Lower Upper

43 100

61 27.8 20.2 30.2

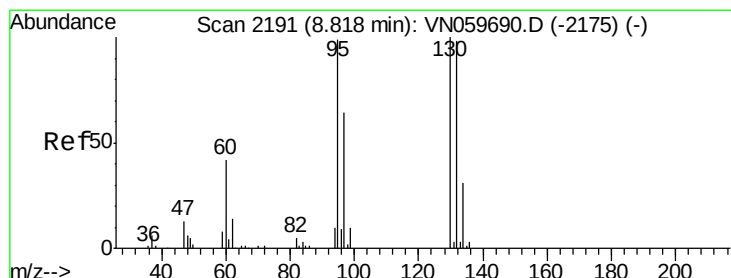
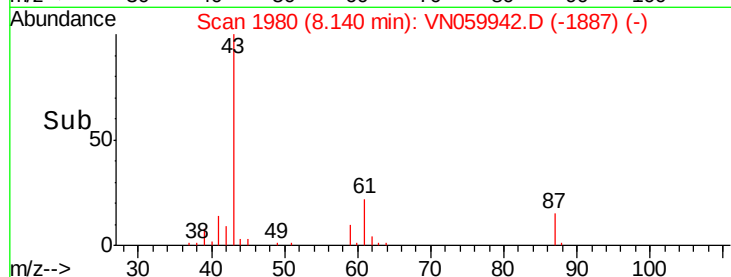
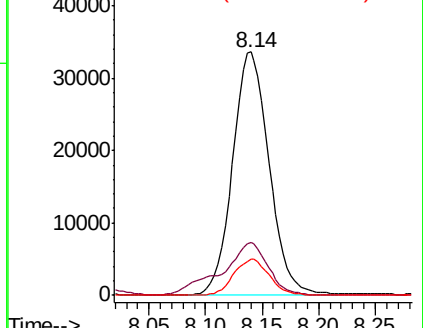
87 14.4 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059690.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059690.D (-1961) (-)



#44

Trichloroethene

Concen: 20.290 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059942.D

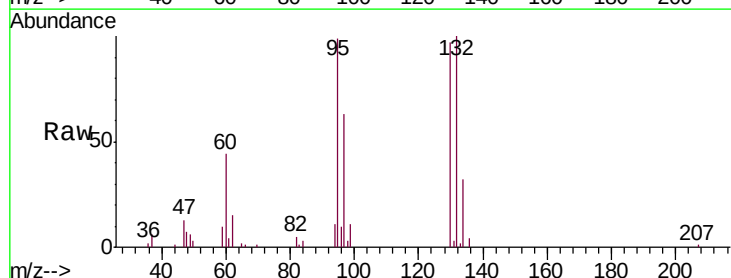
Acq: 31 Jan 2020 13:03

Tgt Ion: 130 Resp: 39461

Ion Ratio Lower Upper

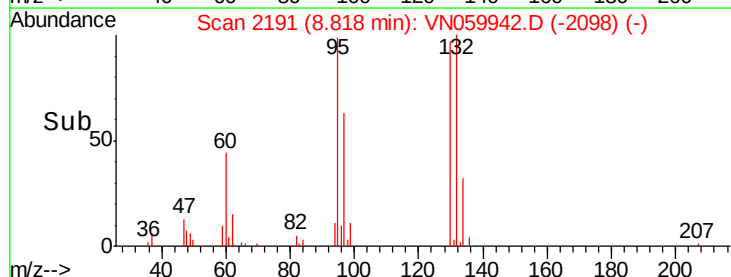
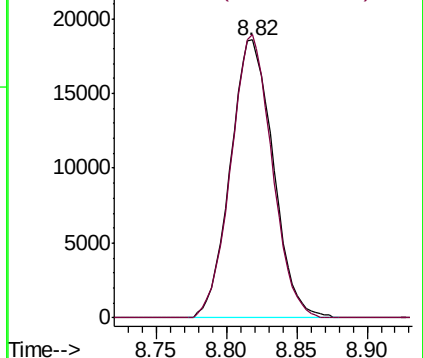
130 100

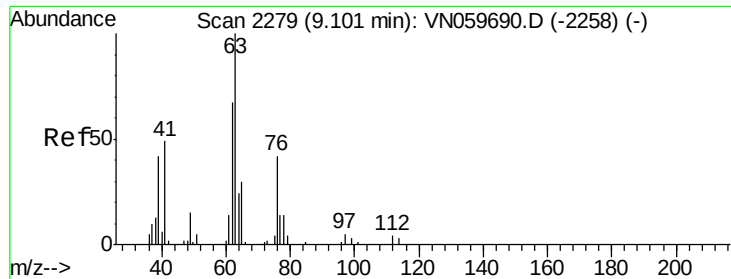
95 101.8 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059690.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059690.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 20.616 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

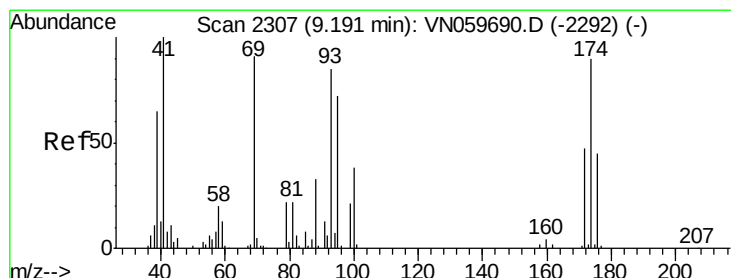
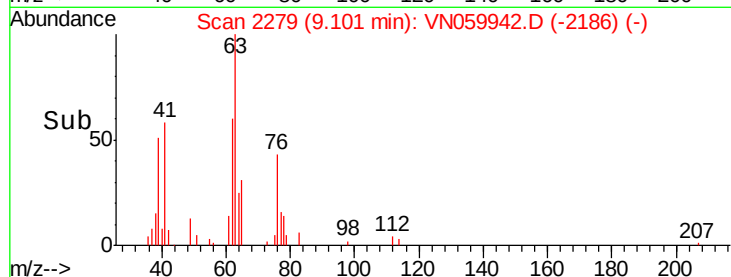
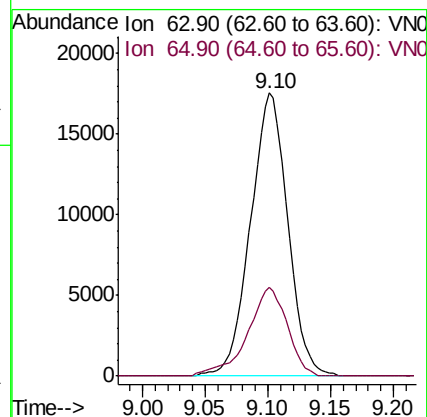
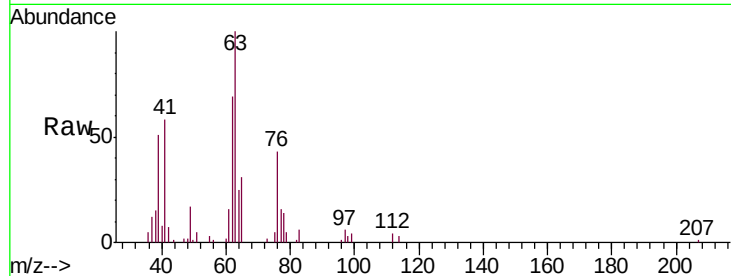
VN0131WBSD01

Tgt Ion: 63 Resp: 36343

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 20.631 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

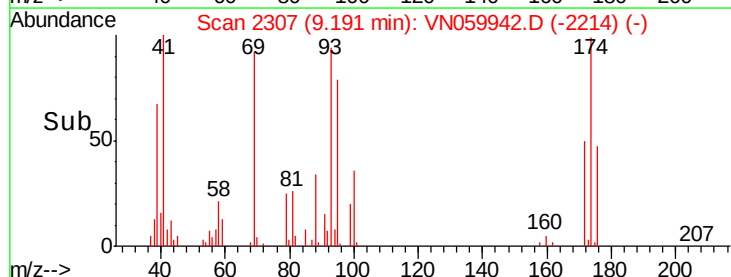
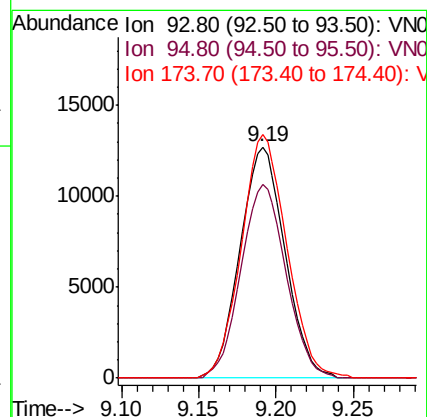
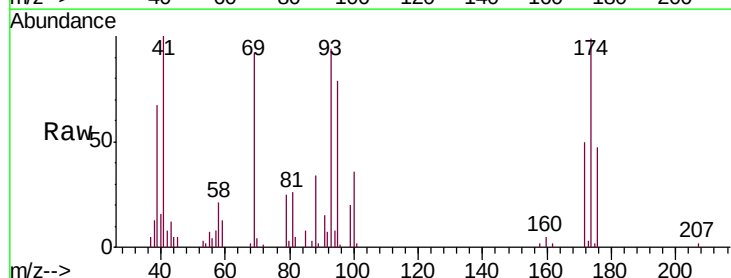
Tgt Ion: 93 Resp: 25656

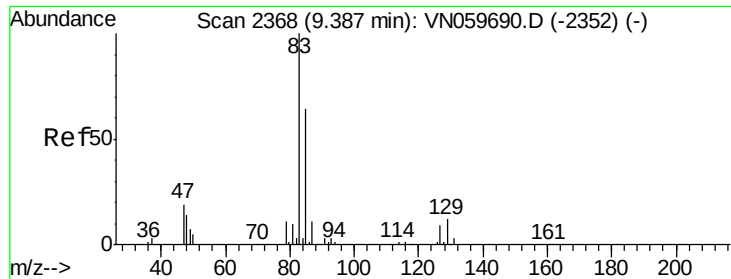
Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

174 106.6 73.4 110.2

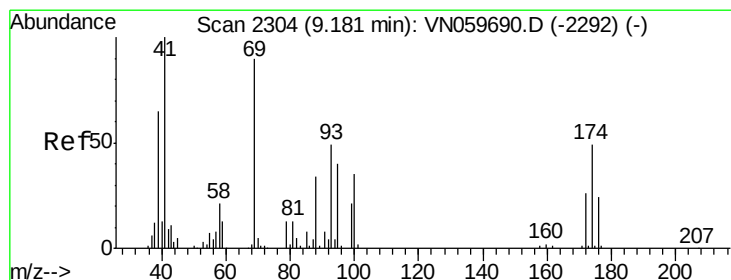
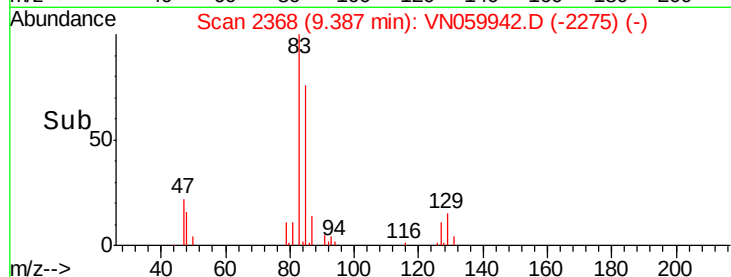
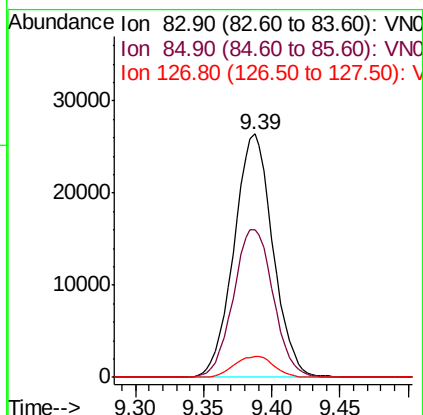
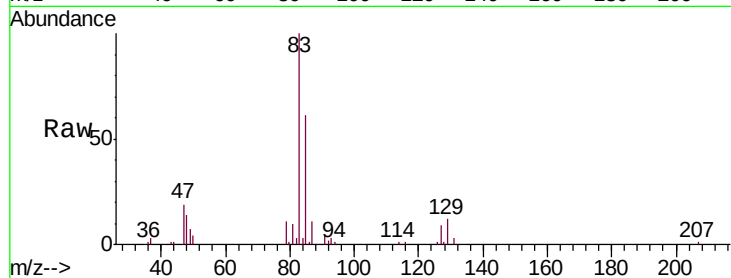




#47
 Bromodichloromethane
 Concen: 20.880 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

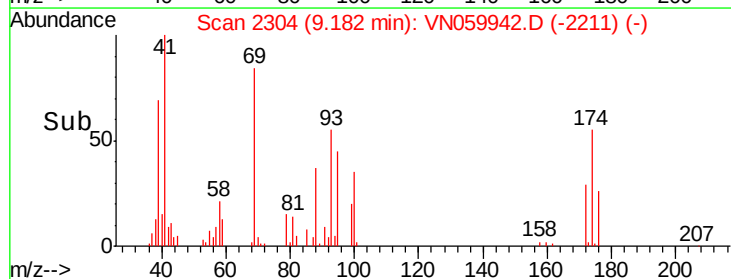
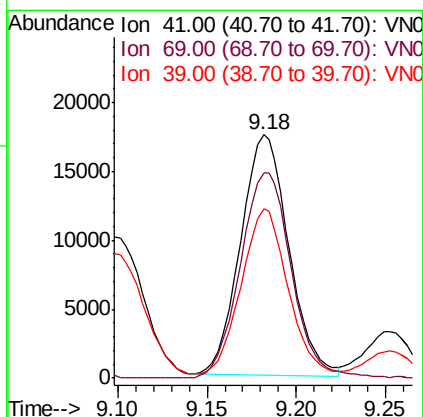
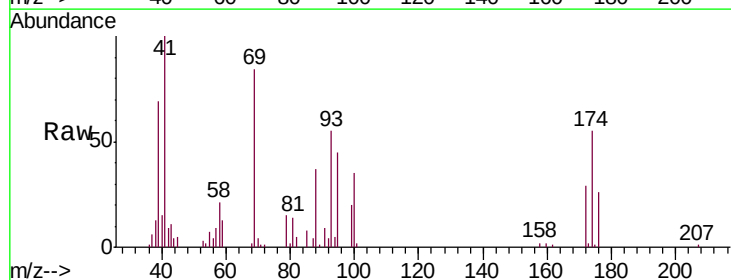
Instrument :
 MSVOA_N
 ClientSampled :
 VN0131WBSD01

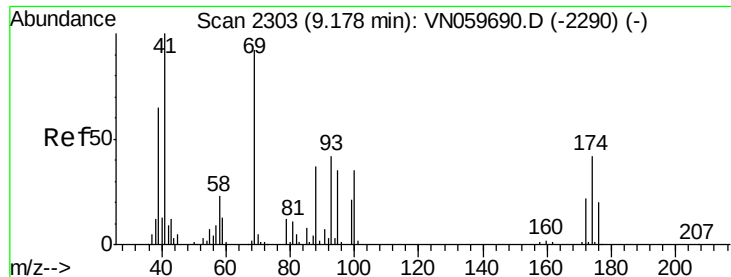
Tgt Ion: 83 Resp: 52324
 Ion Ratio Lower Upper
 83 100
 85 60.7 51.1 76.7
 127 8.6 6.6 9.8



#48
 Methyl methacrylate
 Concen: 19.102 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion: 41 Resp: 32927
 Ion Ratio Lower Upper
 41 100
 69 90.8 64.4 96.6
 39 70.1 51.3 76.9

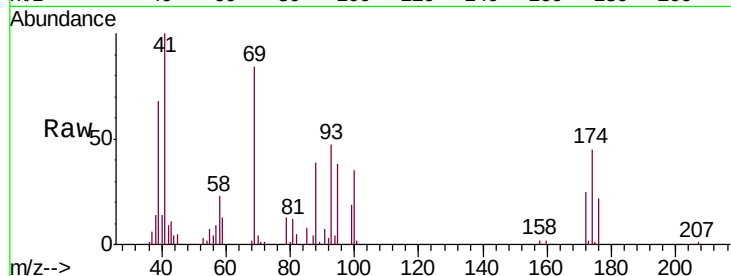




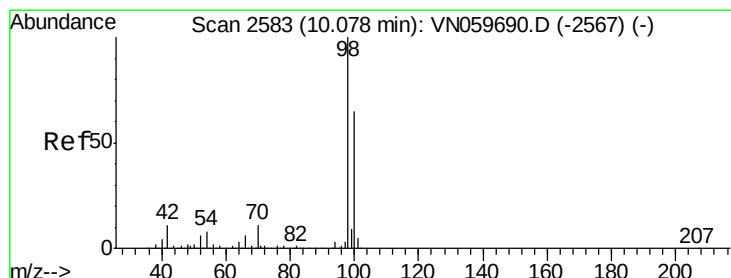
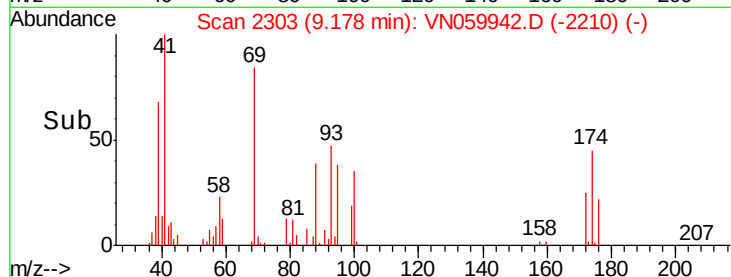
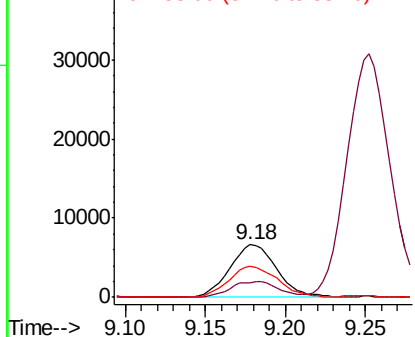
#49
1,4-Dioxane
Concen: 422.523 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 88 Resp: 13333
Ion Ratio Lower Upper
88 100
43 30.7 29.7 44.5
58 60.9 56.6 85.0

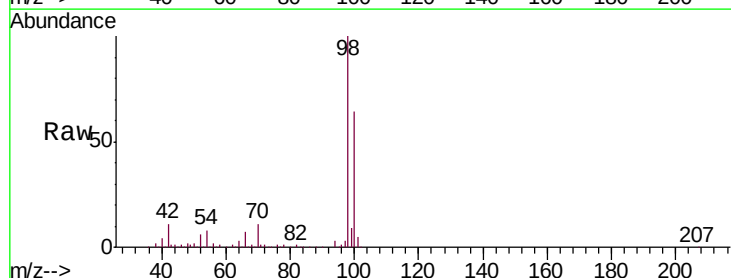


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

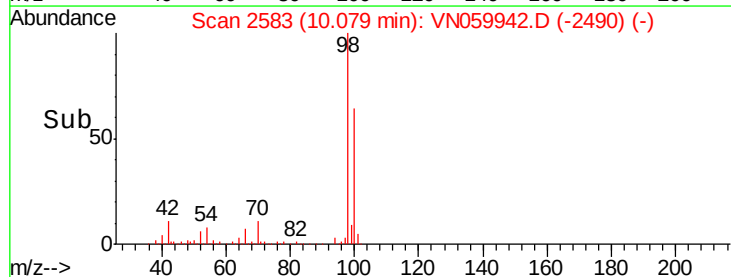
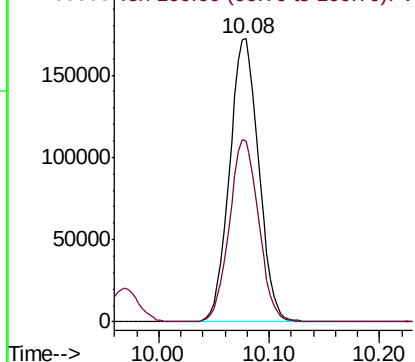


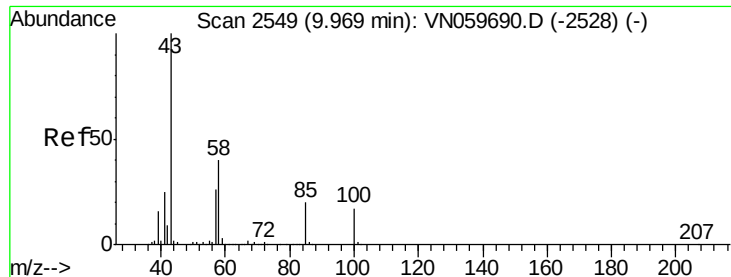
#50
Toluene-d8
Concen: 49.885 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 98 Resp: 316169
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 99.343 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

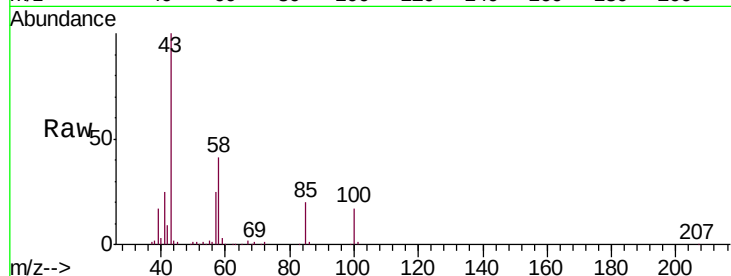
VN0131WBSD01

Tgt Ion: 43 Resp: 221307

Ion Ratio Lower Upper

43 100

58 40.1 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2528) (-)

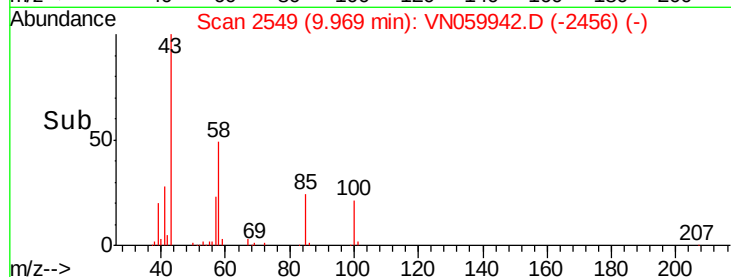
9.97

100000

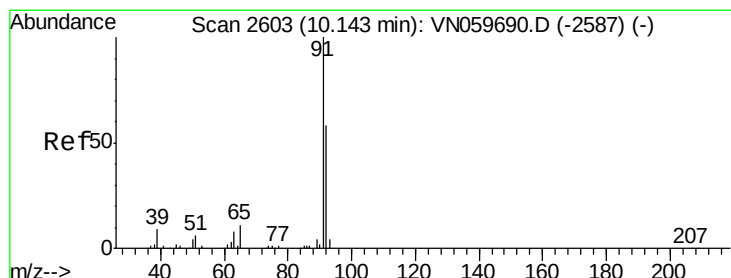
50000

0

Time-->



Time-->



#52

Toluene

Concen: 20.027 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059942.D

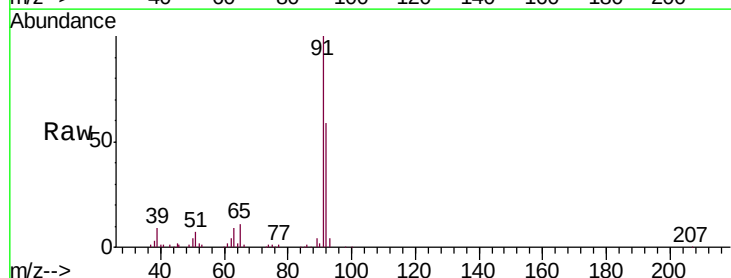
Acq: 31 Jan 2020 13:03

Tgt Ion: 92 Resp: 90120

Ion Ratio Lower Upper

92 100

91 172.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN059690.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059690.D (-2587) (-)

10.14

100000

80000

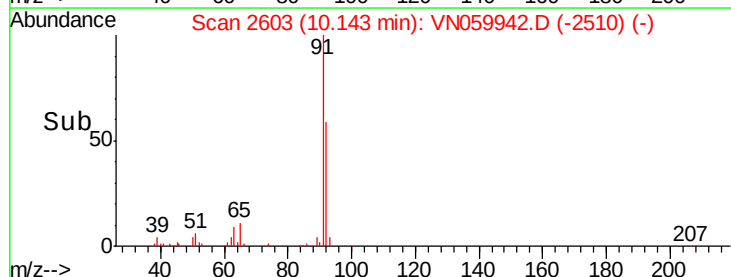
60000

40000

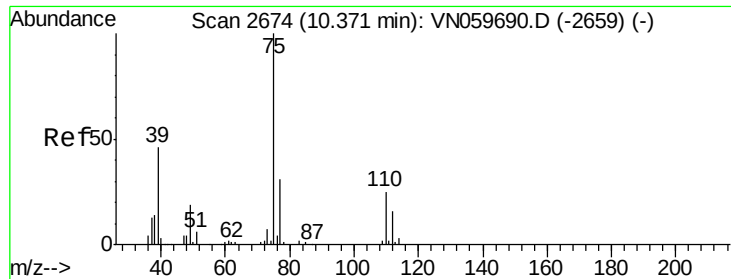
20000

0

Time-->



Time-->



#53

t-1,3-Dichloropropene

Concen: 20.678 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

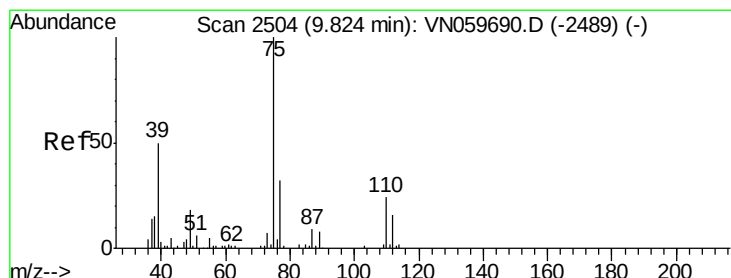
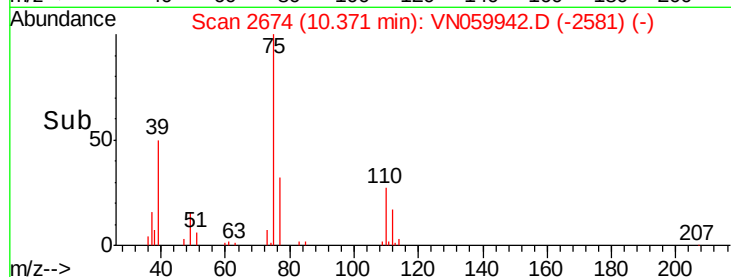
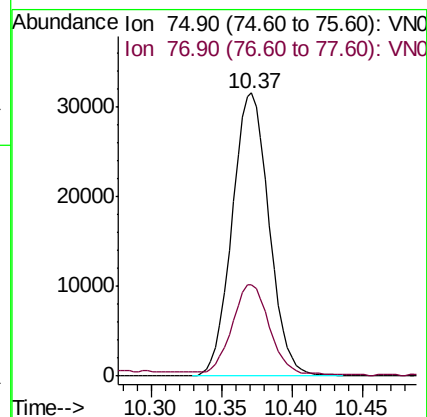
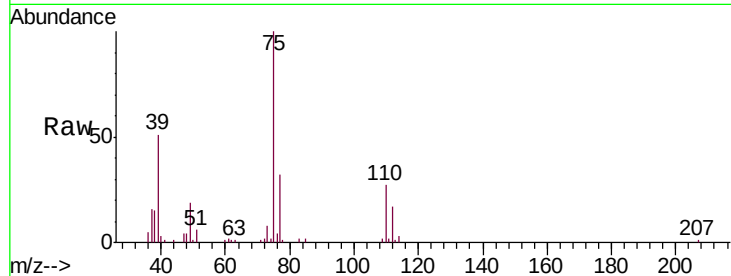
VN0131WBSD01

Tgt Ion: 75 Resp: 57861

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.675 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

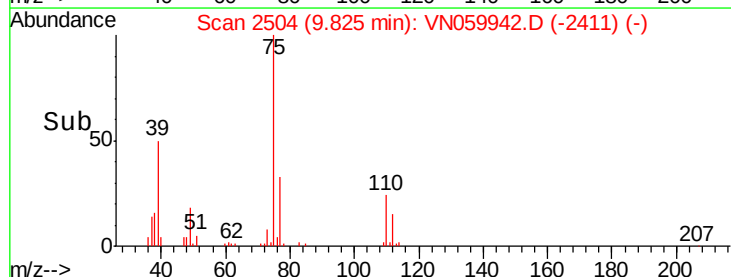
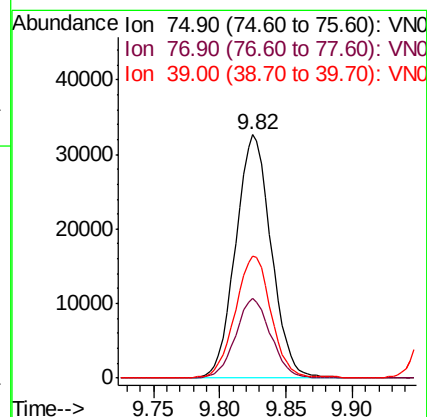
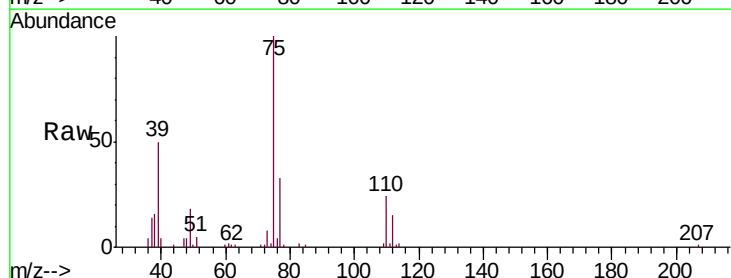
Tgt Ion: 75 Resp: 60870

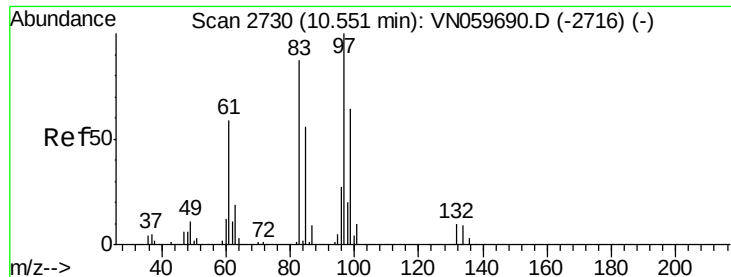
Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7

39 50.4 46.1 69.1

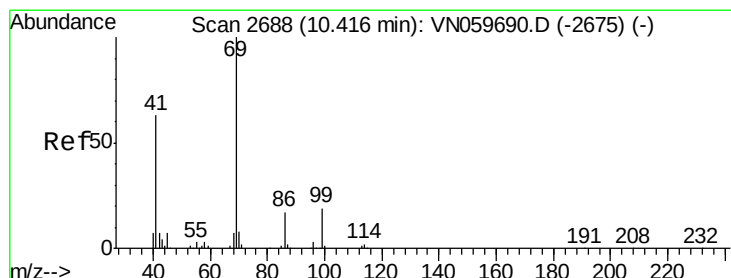
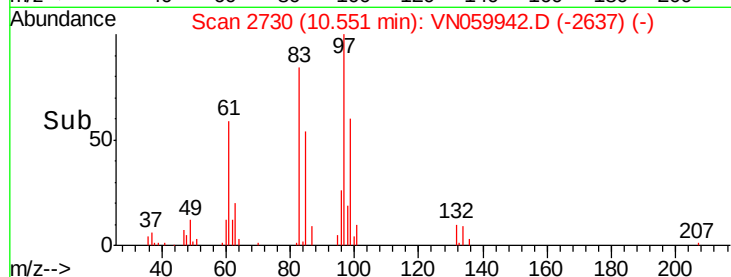
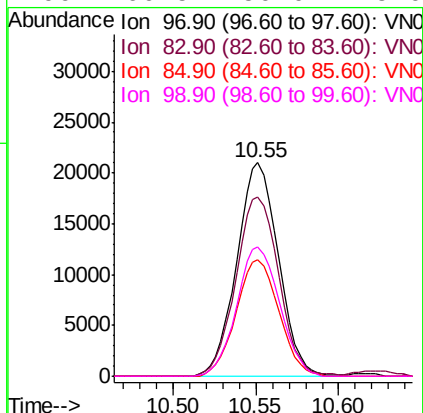
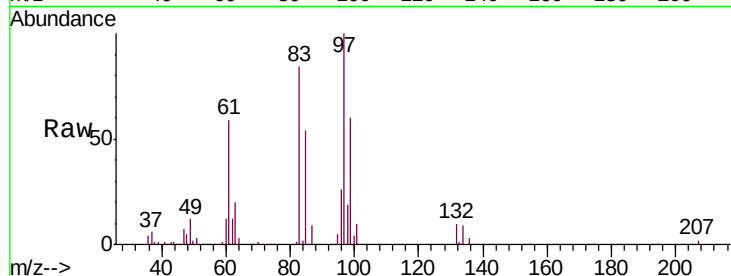




#55
 1,1,2-Trichloroethane
 Concen: 20.658 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

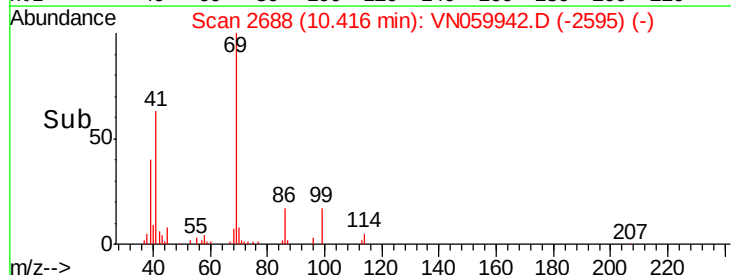
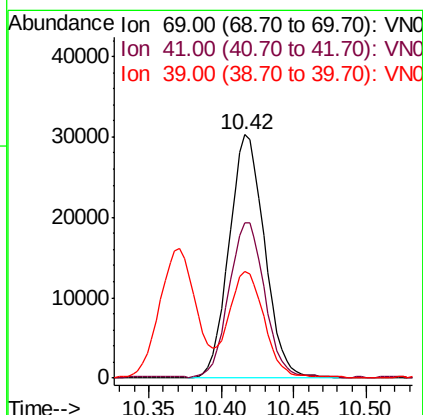
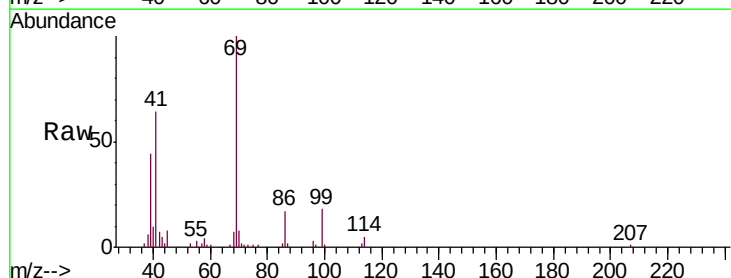
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

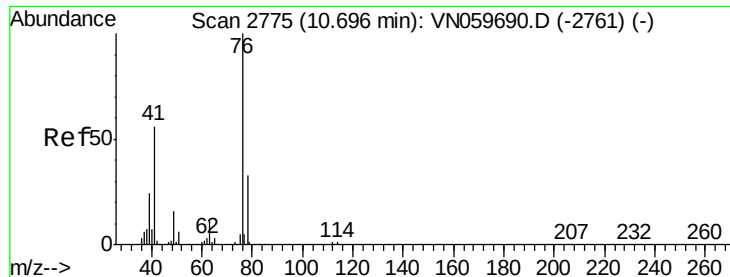
Tgt Ion:	97	Resp:	36818
Ion	Ratio	Lower	Upper
97	100		
83	83.8	71.3	106.9
85	54.4	45.8	68.8
99	60.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.942 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion:	69	Resp:	51584
Ion	Ratio	Lower	Upper
69	100		
41	64.7	57.1	85.7
39	43.4	34.7	52.1





#57

1,3-Dichloropropane

Concen: 21.147 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

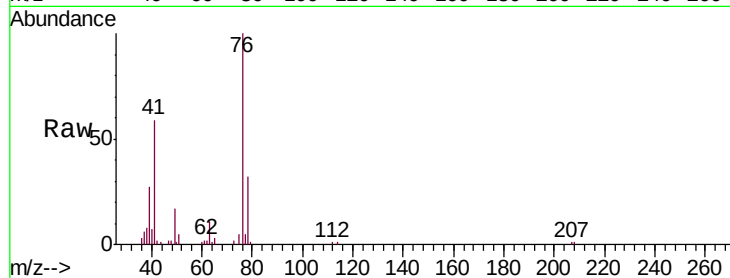
VN0131WBSD01

Tgt Ion: 76 Resp: 59836

Ion Ratio Lower Upper

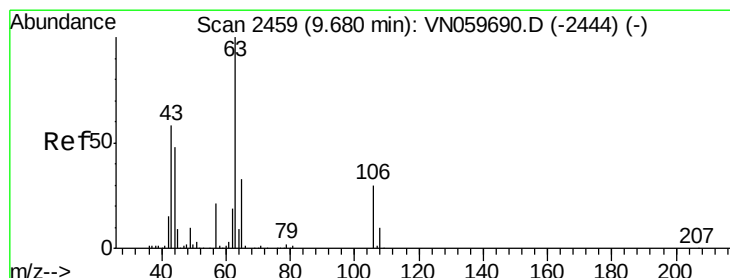
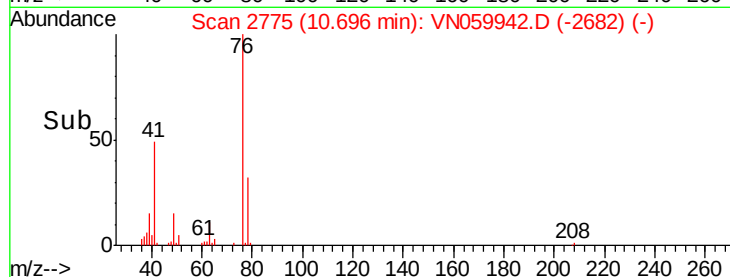
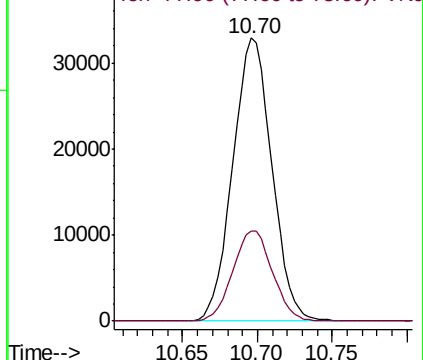
76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 104.726 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059942.D

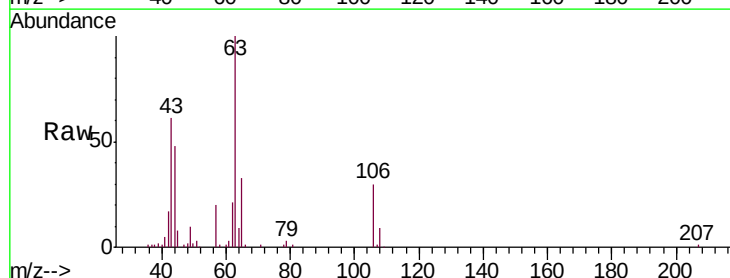
Acq: 31 Jan 2020 13:03

Tgt Ion: 63 Resp: 85903

Ion Ratio Lower Upper

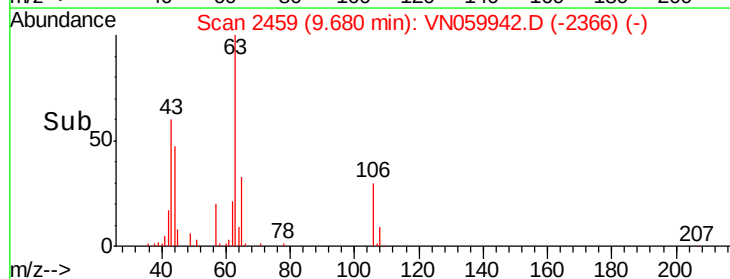
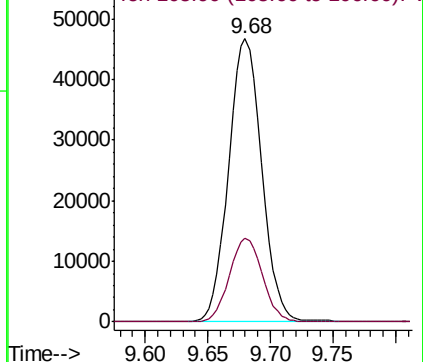
63 100

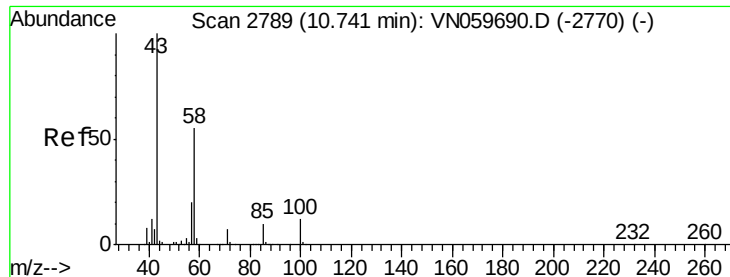
106 29.4 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

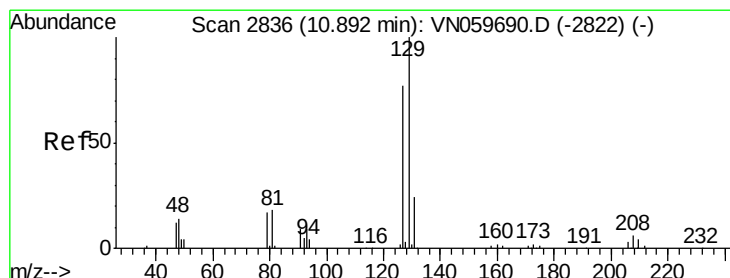
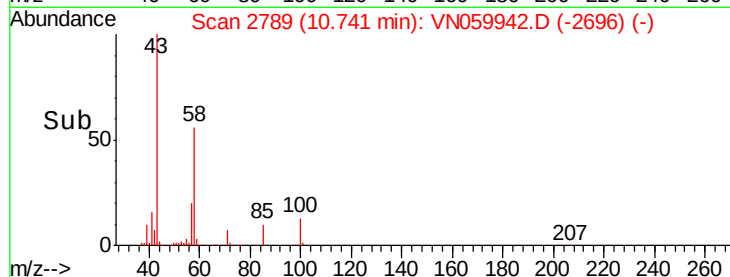
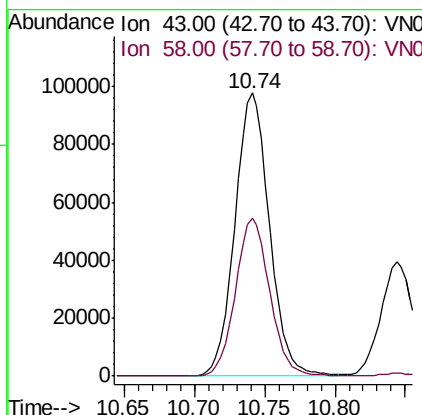
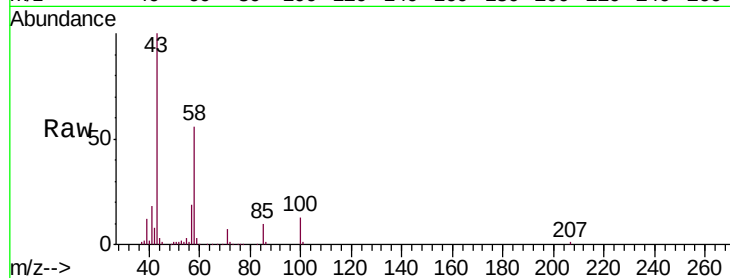




#59
2-Hexanone
Concen: 102.312 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

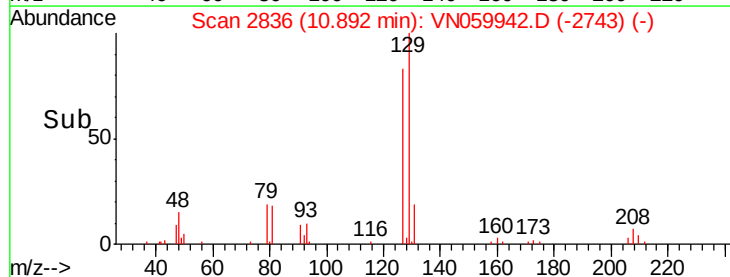
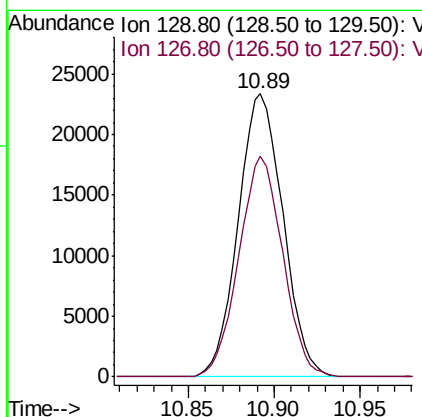
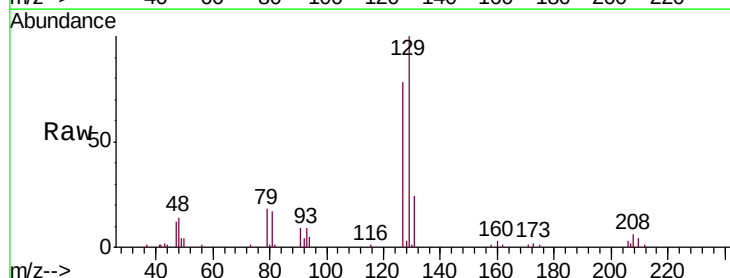
Instrument :
MSVOA_N
ClientSampled :
VN0131WBSD01

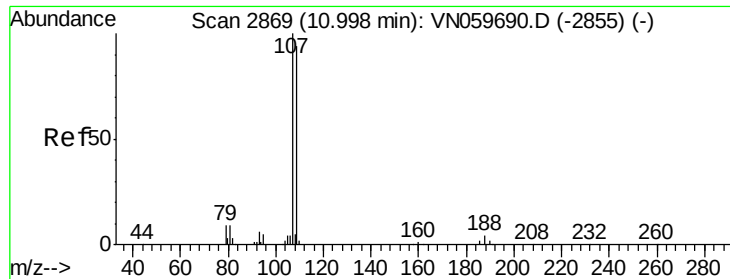
Tgt Ion: 43 Resp: 167911
Ion Ratio Lower Upper
43 100
58 55.4 25.8 77.3



#60
Dibromochloromethane
Concen: 20.857 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 129 Resp: 42331
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

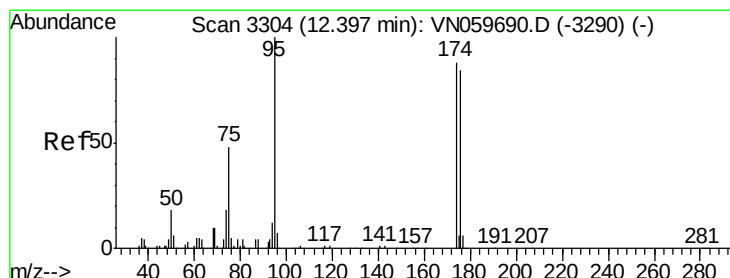
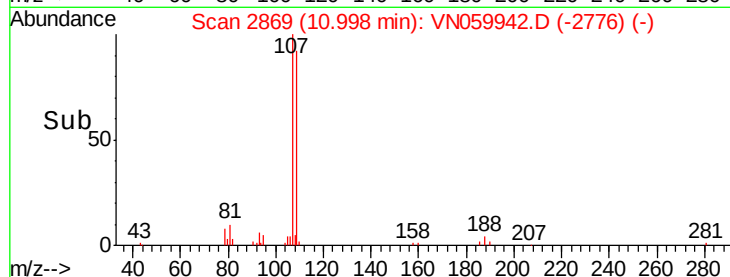
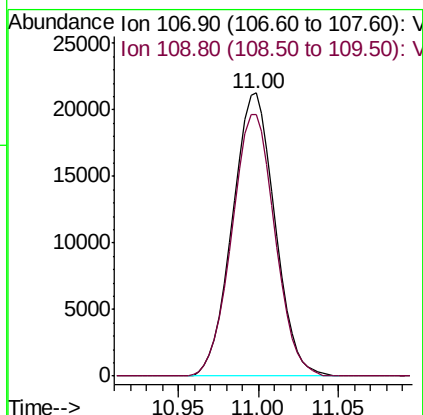
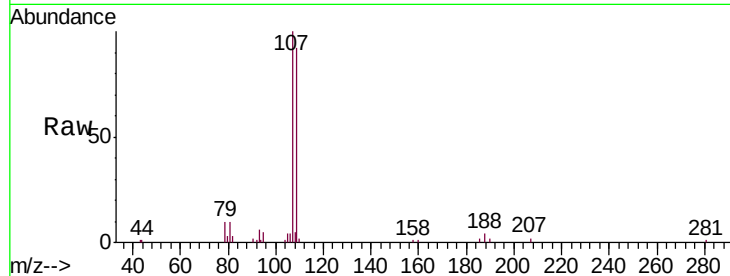




#61
 1,2-Dibromoethane
 Concen: 20.638 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

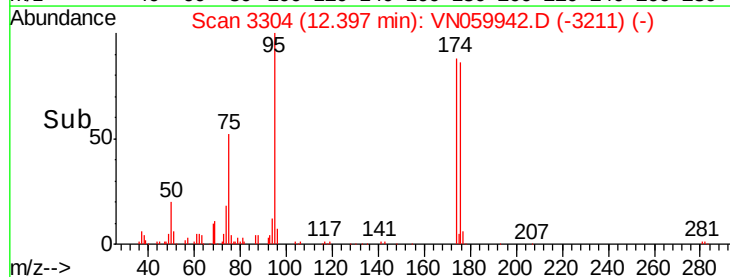
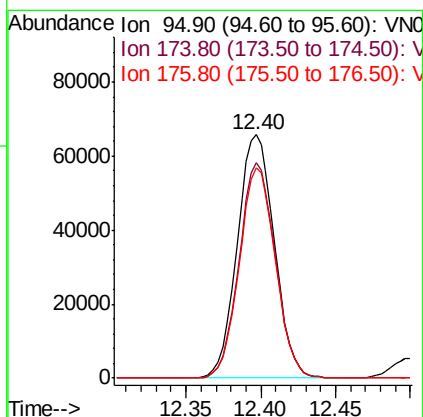
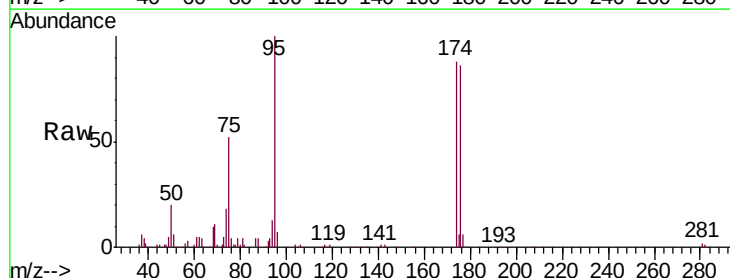
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

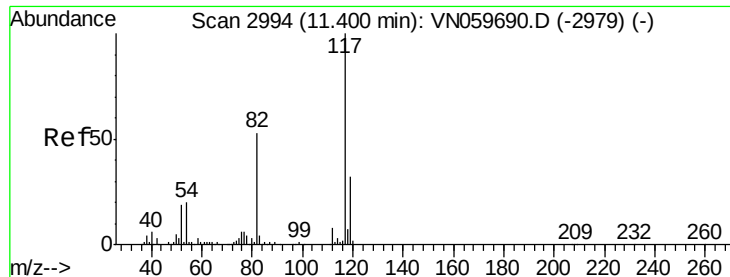
Tgt Ion: 107 Resp: 38552
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 49.586 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion: 95 Resp: 113296
 Ion Ratio Lower Upper
 95 100
 174 86.2 0.0 151.4
 176 84.1 0.0 146.0

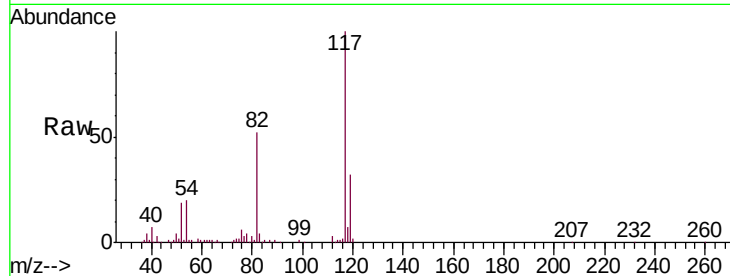




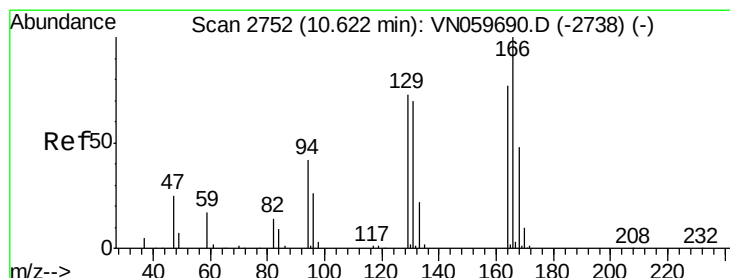
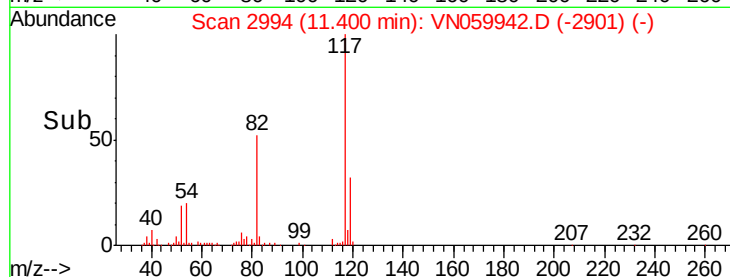
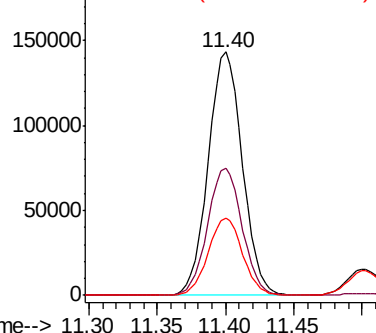
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion:117 Resp: 249132
Ion Ratio Lower Upper
117 100
82 52.3 45.9 68.9
119 31.9 25.5 38.3

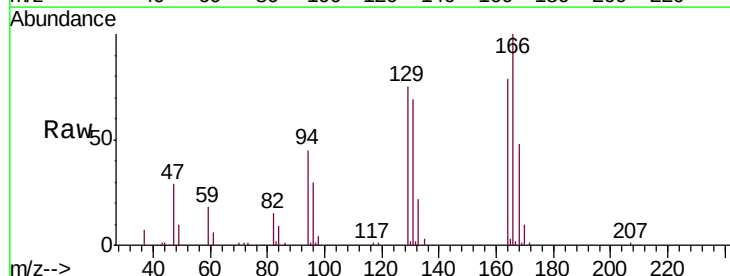


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

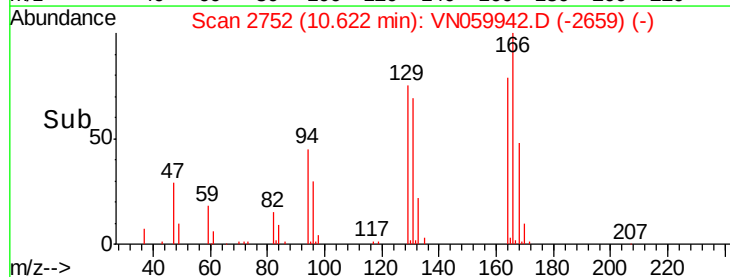
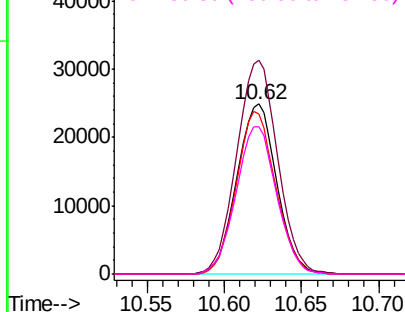


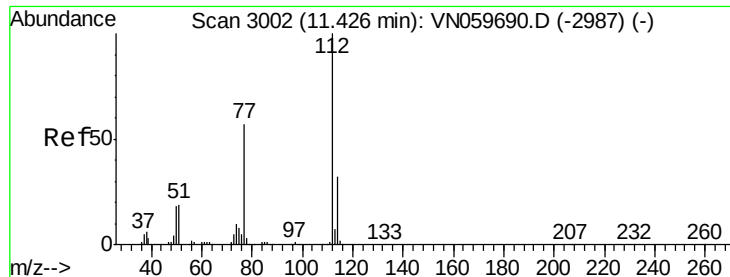
#64
Tetrachloroethene
Concen: 22.022 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion:164 Resp: 44715
Ion Ratio Lower Upper
164 100
166 125.9 101.4 152.0
129 94.0 80.2 120.4
131 86.8 75.0 112.4



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

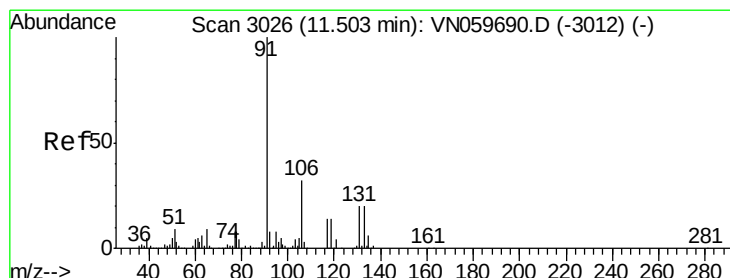
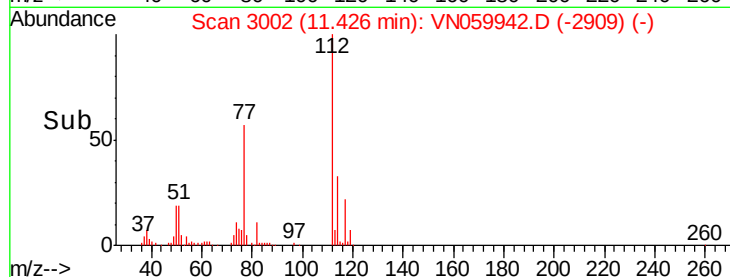
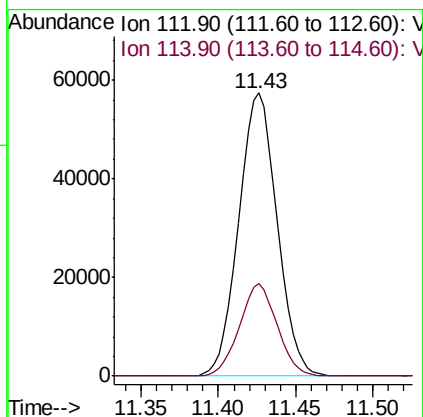
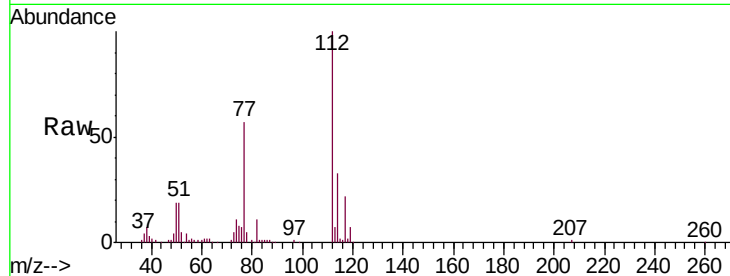




#65
Chlorobenzene
Concen: 20.262 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

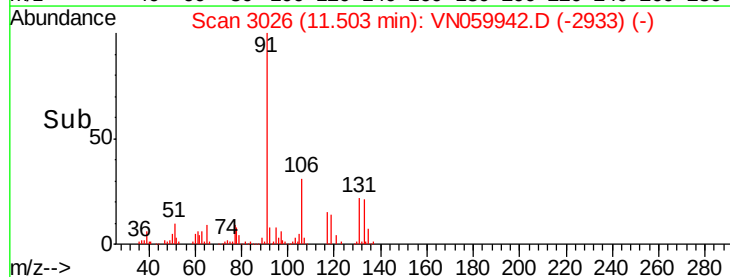
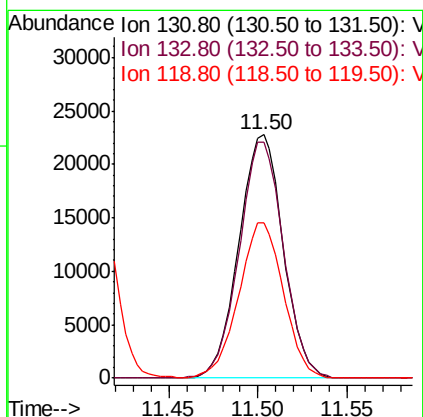
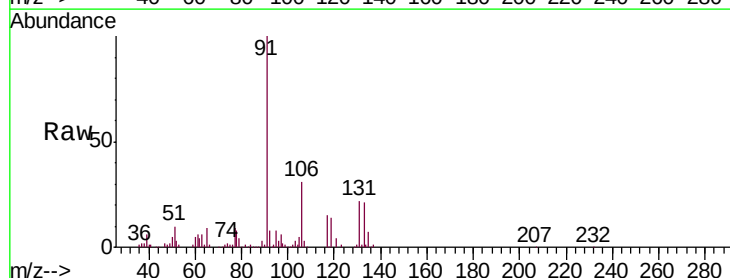
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

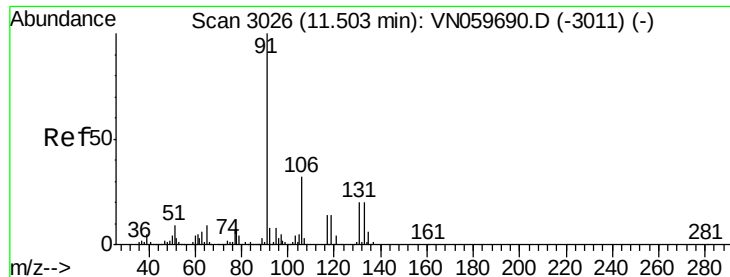
Tgt Ion:112 Resp: 99217
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.783 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion:131 Resp: 39324
Ion Ratio Lower Upper
131 100
133 97.3 47.4 142.2
119 64.3 33.1 99.3





#67

Ethyl Benzene

Concen: 19.636 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

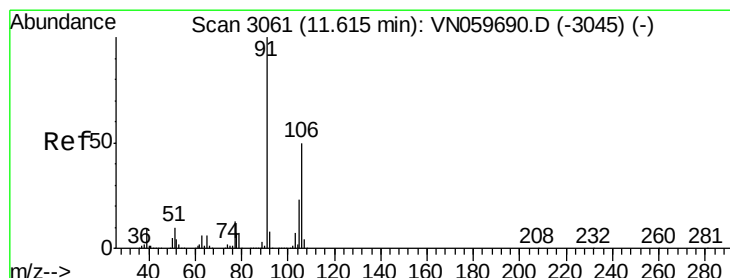
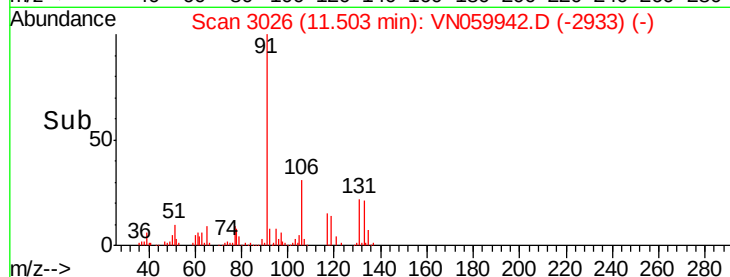
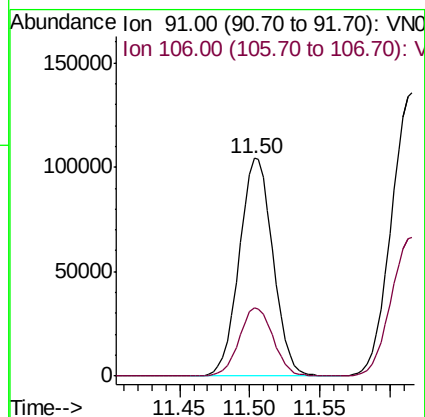
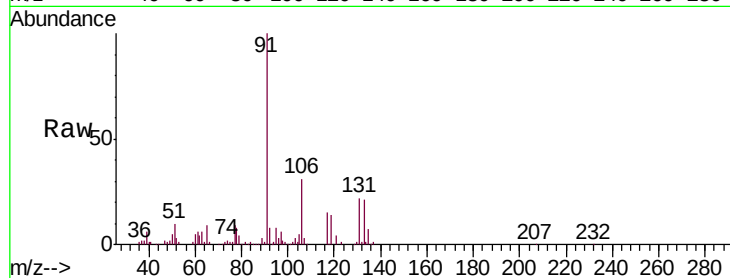
VN0131WBSD01

Tgt Ion: 91 Resp: 174546

Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1



#68

m/p-Xylenes

Concen: 39.177 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059942.D

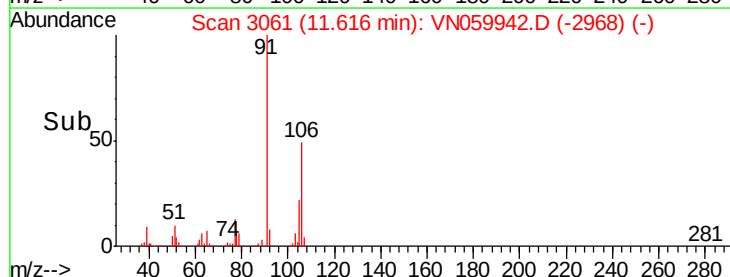
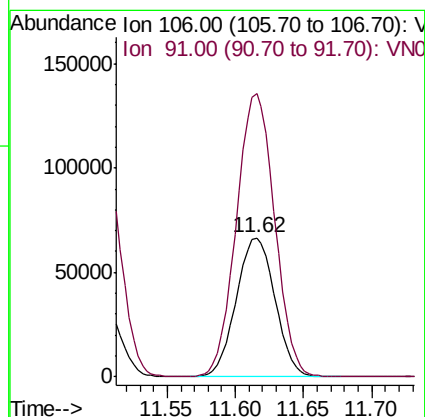
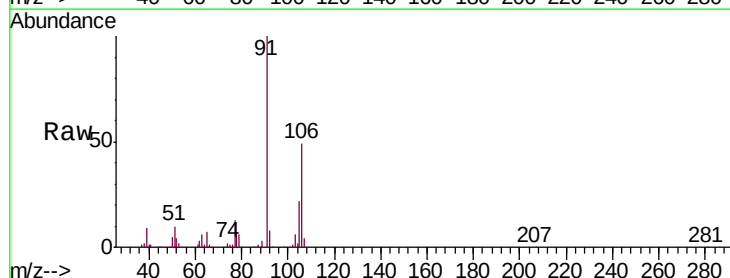
Acq: 31 Jan 2020 13:03

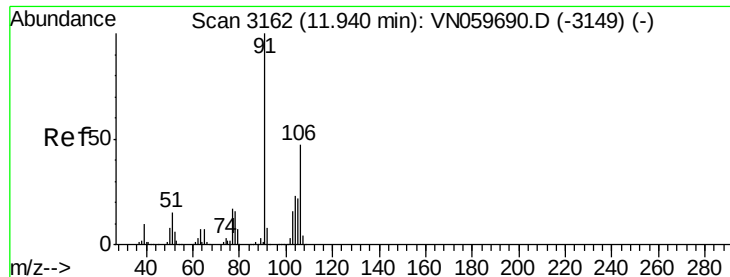
Tgt Ion: 106 Resp: 131549

Ion Ratio Lower Upper

106 100

91 201.0 167.9 251.9

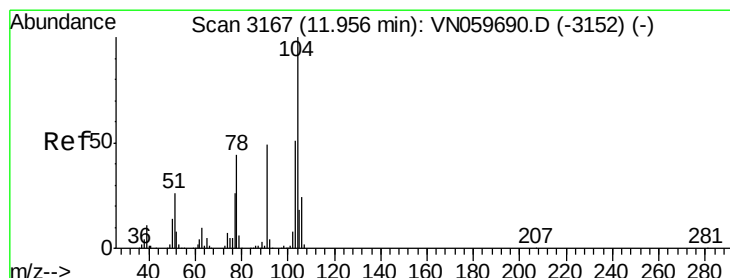
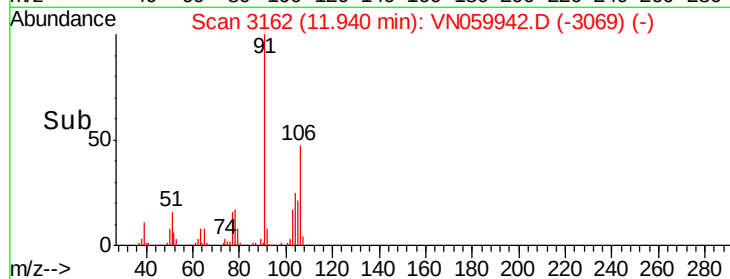
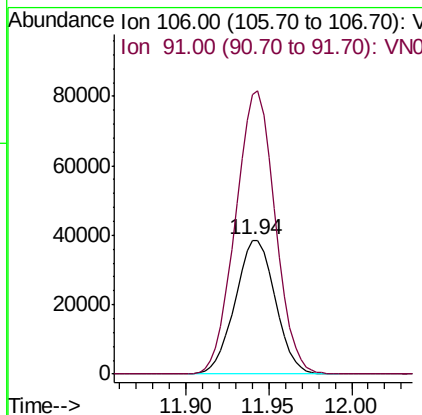
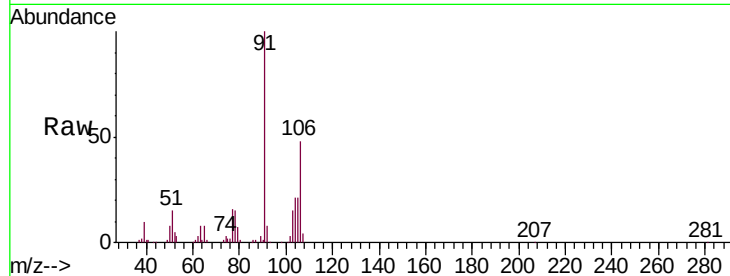




#69
o-Xylene
Concen: 19.749 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

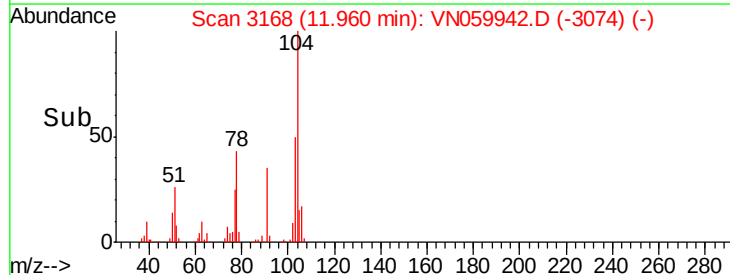
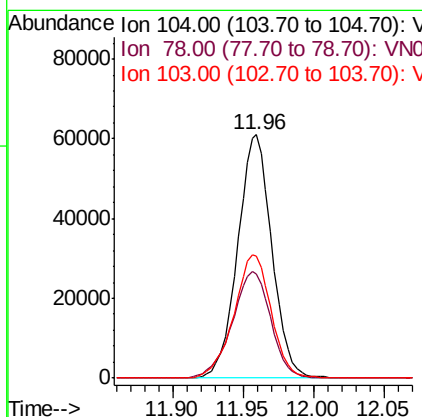
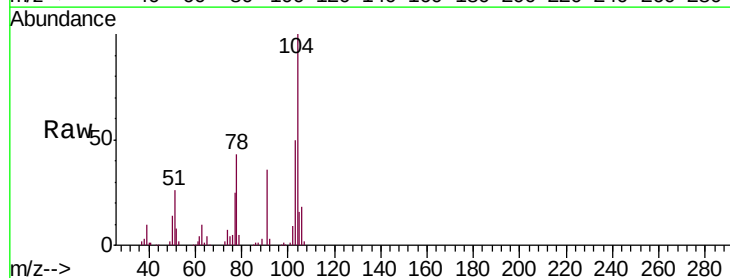
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

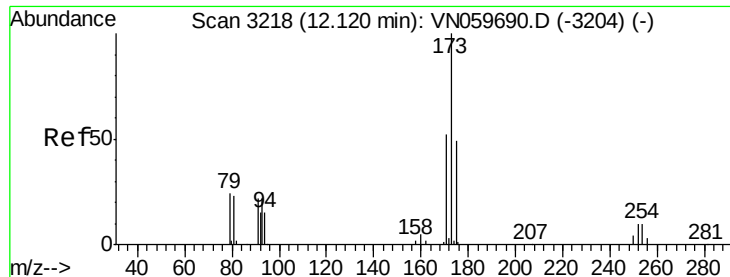
Tgt Ion:106 Resp: 64922
Ion Ratio Lower Upper
106 100
91 209.2 110.3 330.9



#70
Styrene
Concen: 18.834 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion:104 Resp: 103601
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 55.2 43.9 65.9

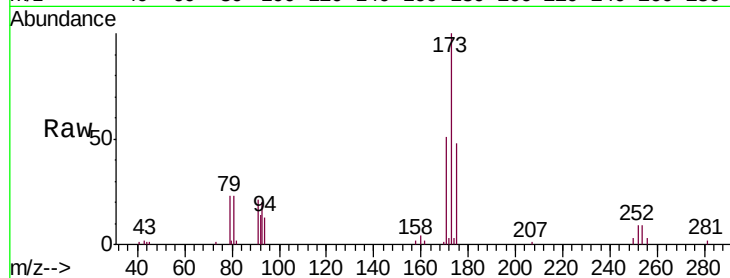




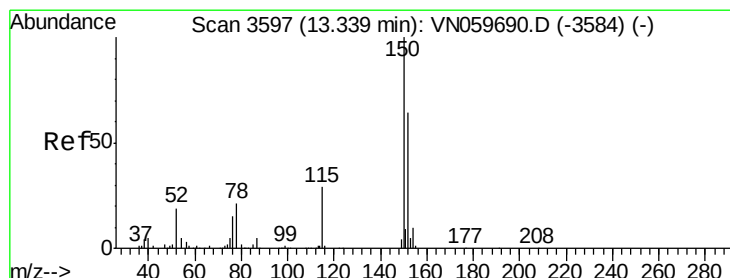
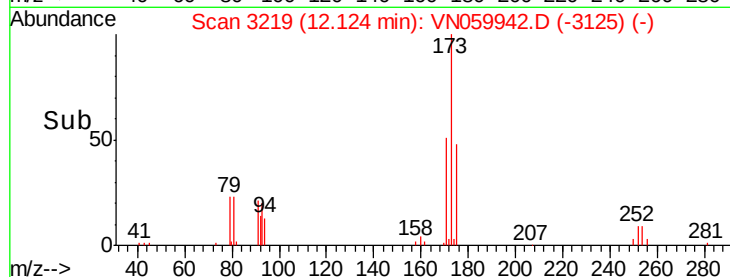
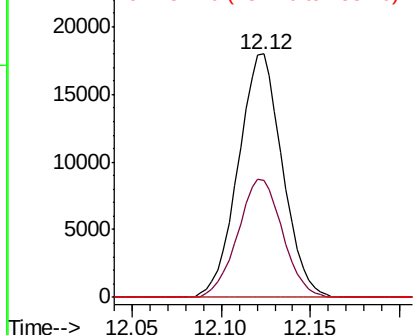
#71
Bromoform
Concen: 20.519 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion:173 Resp: 31099
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.4
254 0.0 0.0 0.0

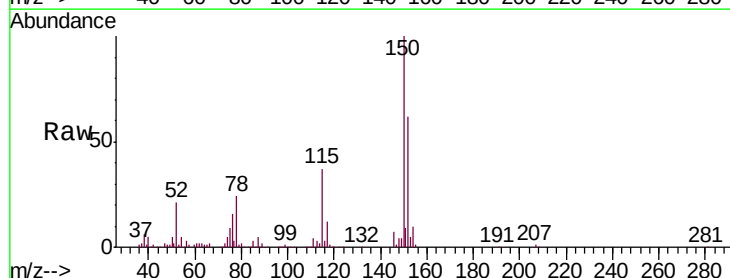


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

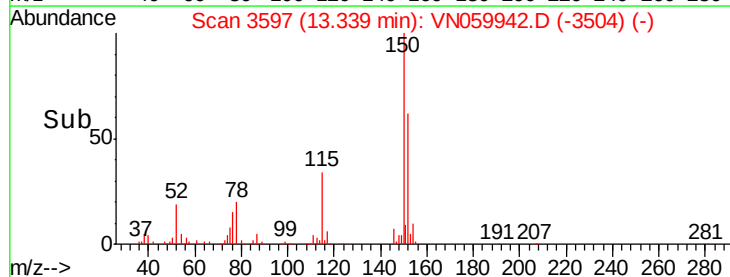
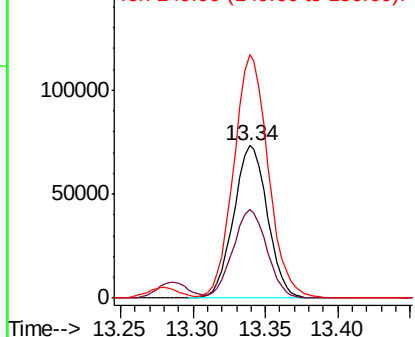


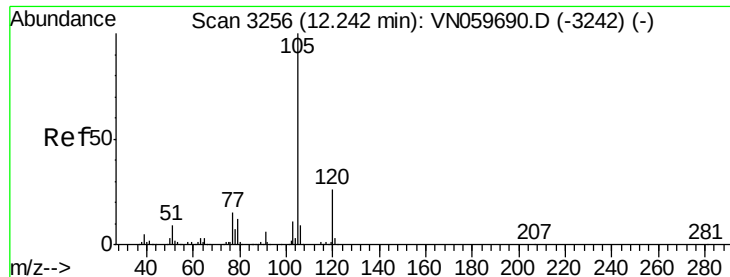
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion:152 Resp: 118713
Ion Ratio Lower Upper
152 100
115 58.7 30.3 90.9
150 163.3 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.073 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

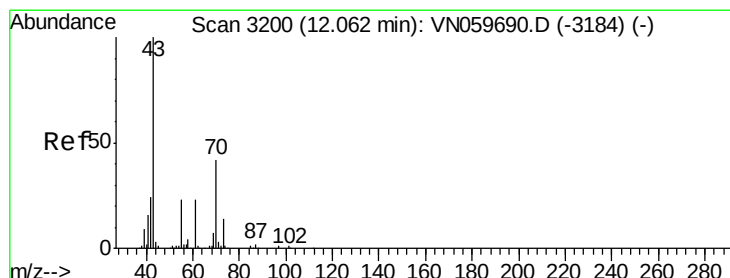
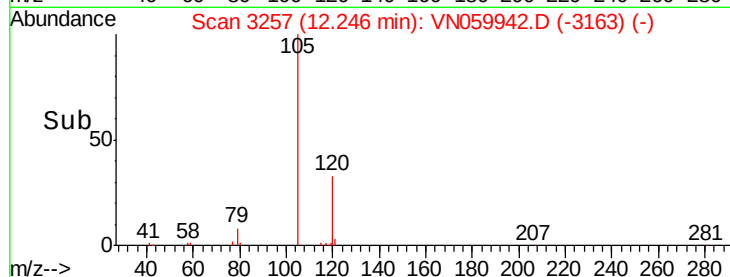
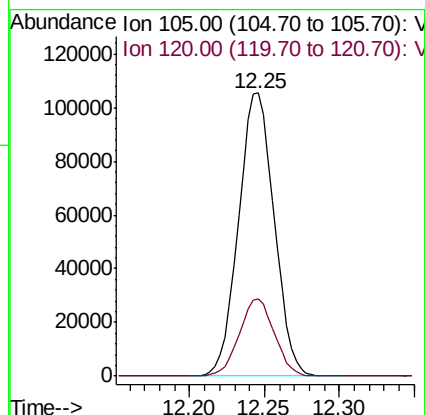
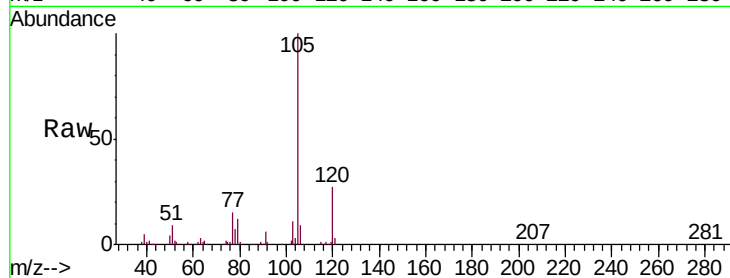
VN0131WBSD01

Tgt Ion: 105 Resp: 174765

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 18.643 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Tgt Ion: 43 Resp: 62981

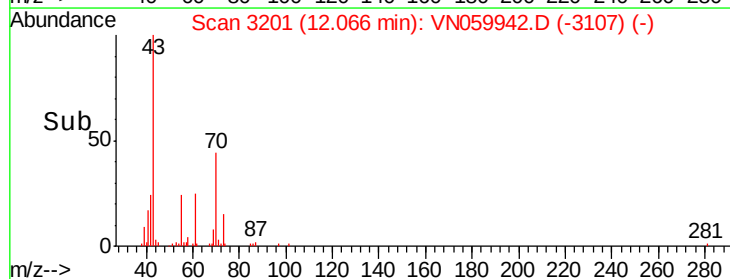
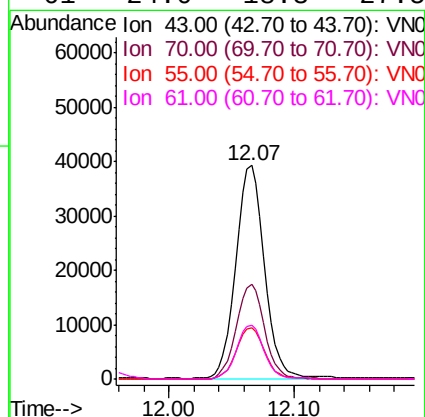
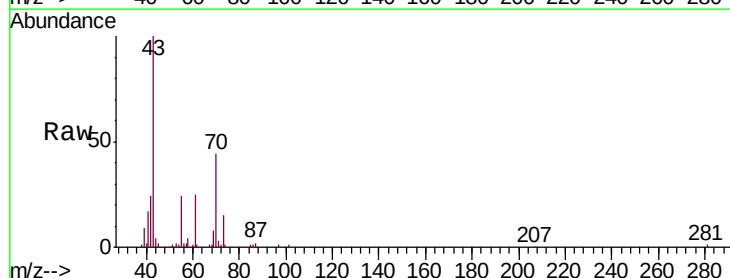
Ion Ratio Lower Upper

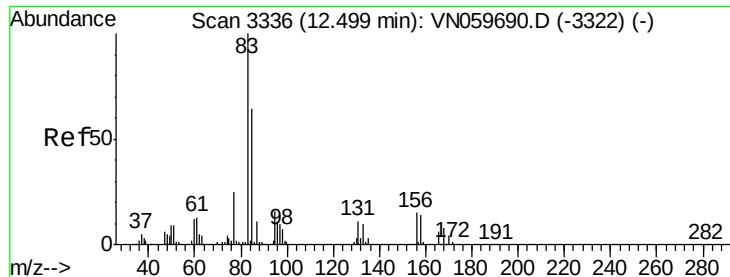
43 100

70 43.1 31.3 46.9

55 23.7 19.8 29.6

61 24.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.082 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

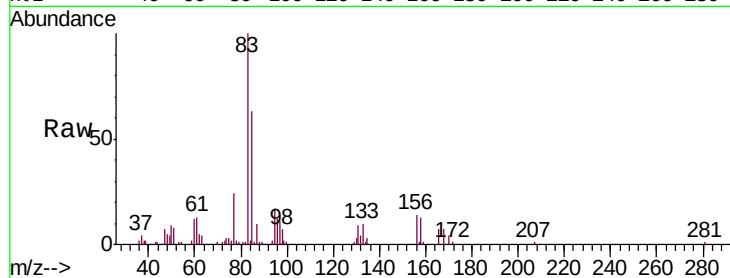
Tgt Ion: 83 Resp: 50687

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

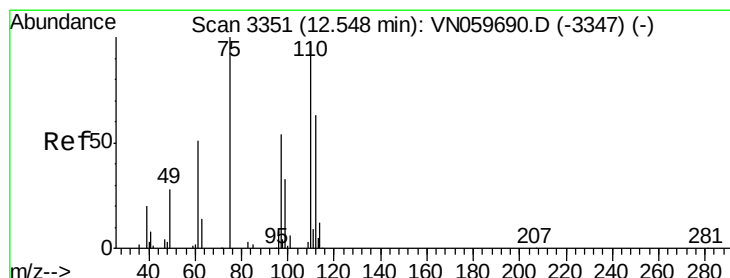
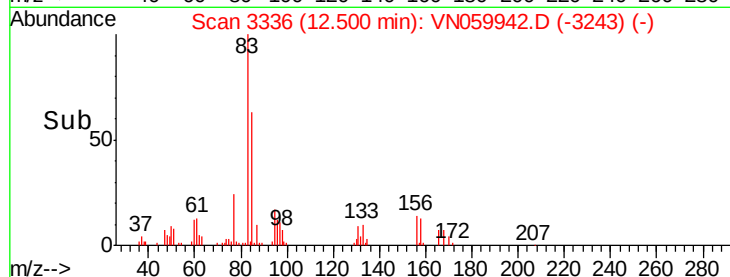
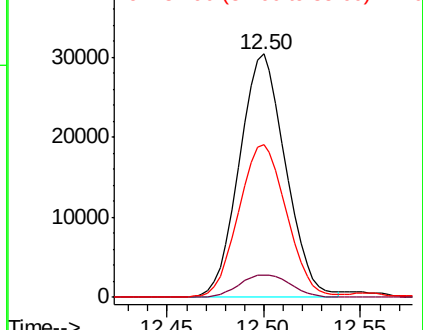
85 65.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059942.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059942.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059942.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 34.258 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059942.D

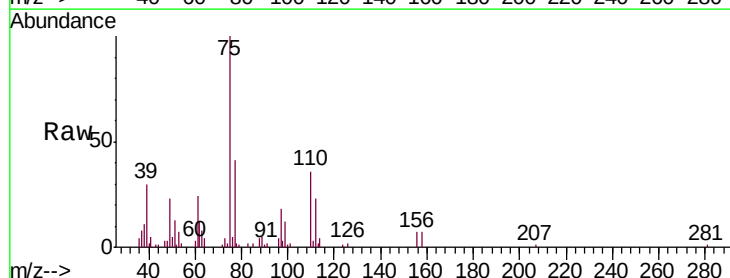
Acq: 31 Jan 2020 13:03

Tgt Ion: 75 Resp: 68442

Ion Ratio Lower Upper

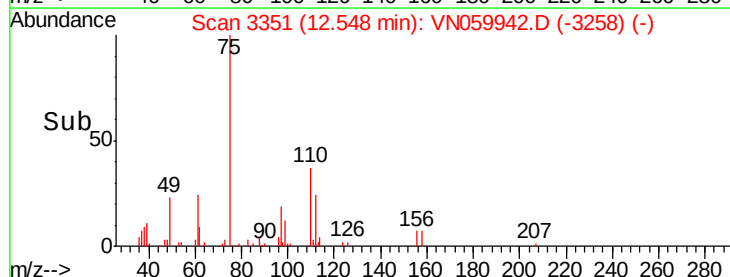
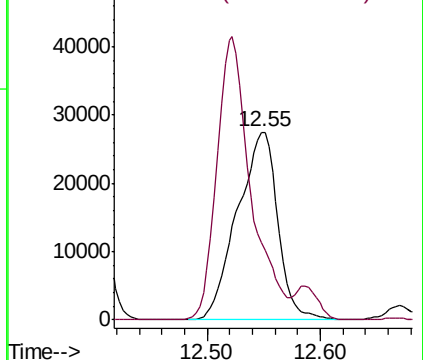
75 100

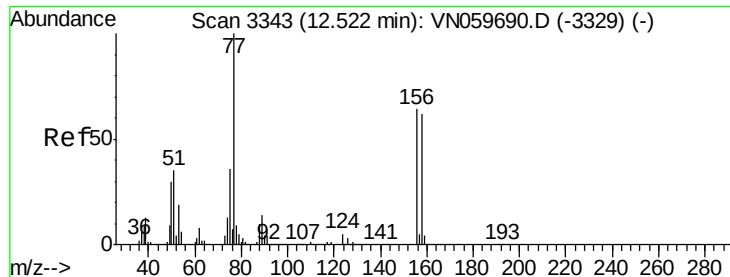
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059942.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059942.D (-3258) (-)





#77

Bromobenzene

Concen: 20.400 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

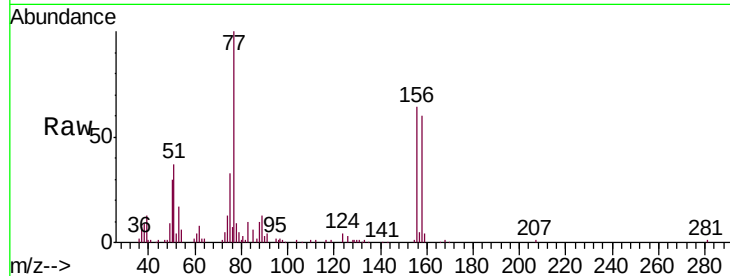
Tgt Ion:156 Resp: 44978

Ion Ratio Lower Upper

156 100

77 193.2 115.8 347.4

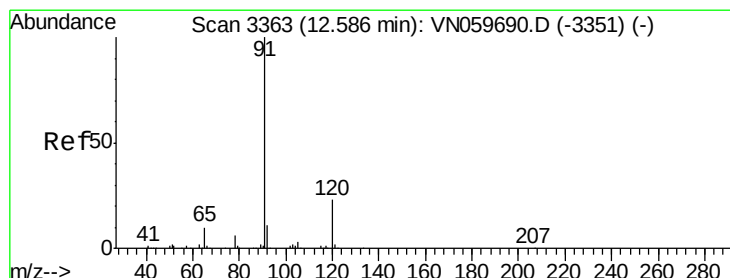
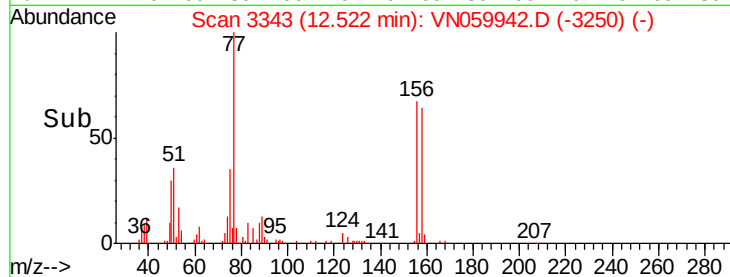
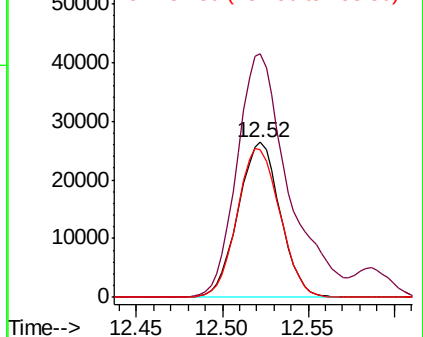
158 97.5 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.777 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059942.D

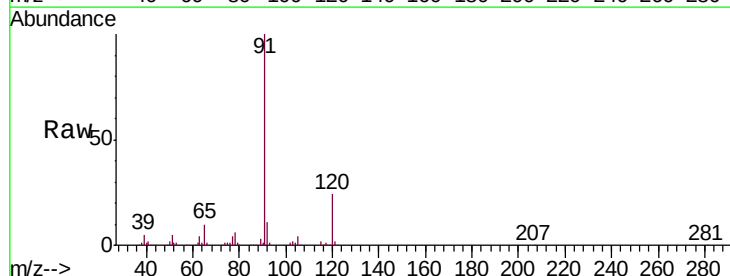
Acq: 31 Jan 2020 13:03

Tgt Ion: 91 Resp: 193263

Ion Ratio Lower Upper

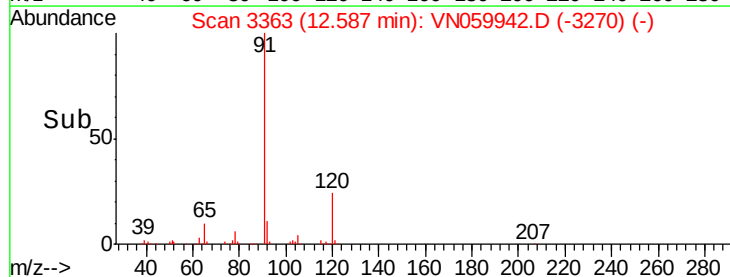
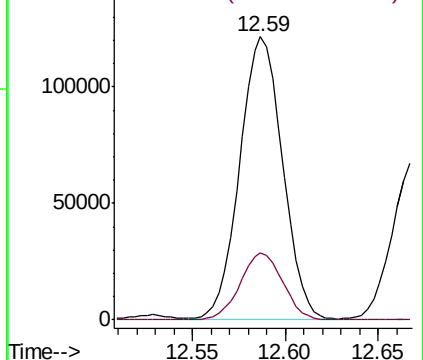
91 100

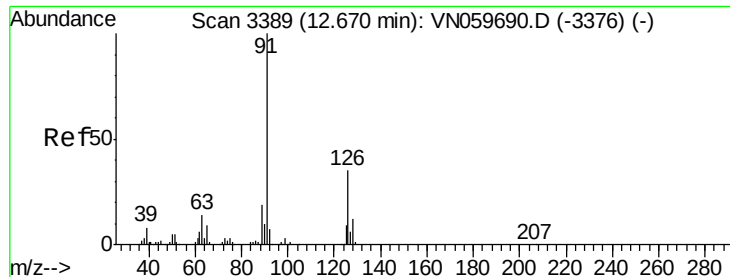
120 23.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.522 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

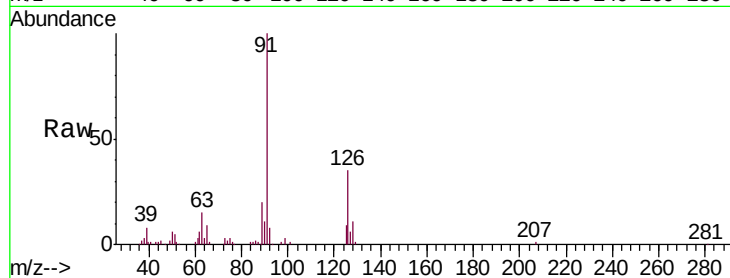
VN0131WBSD01

Tgt Ion: 91 Resp: 113490

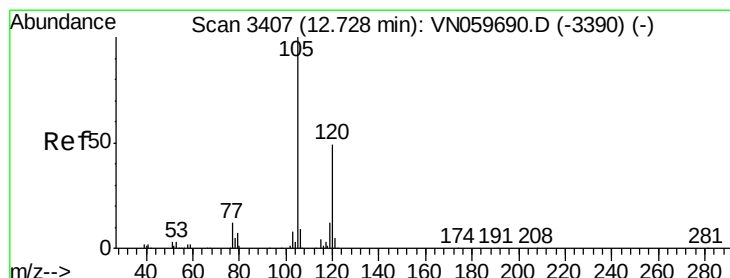
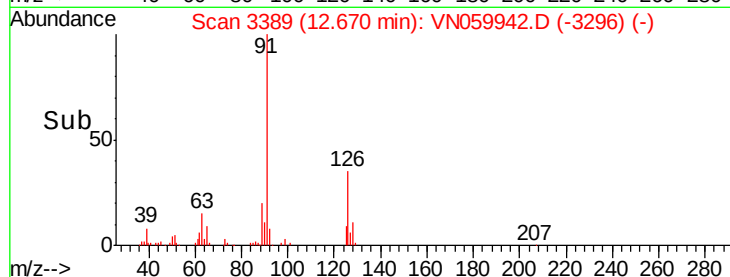
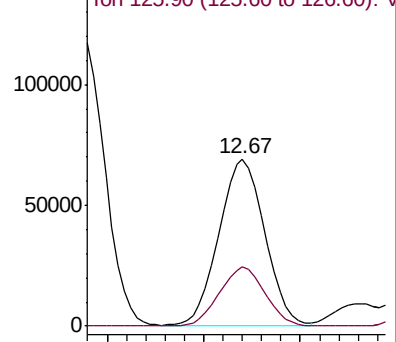
Ion Ratio Lower Upper

91 100

126 35.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059942.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.769 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059942.D

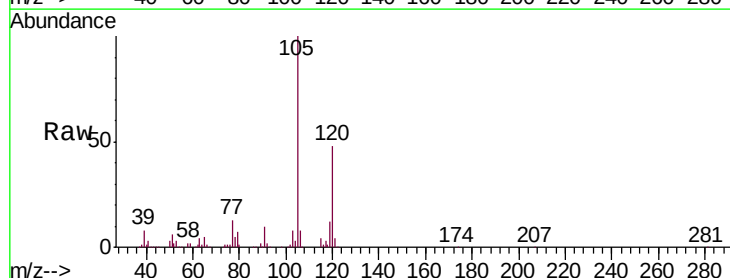
Acq: 31 Jan 2020 13:03

Tgt Ion: 105 Resp: 144750

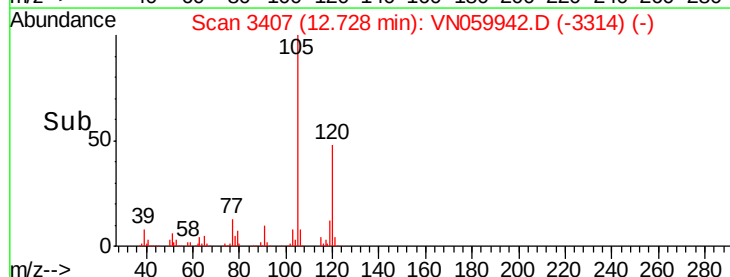
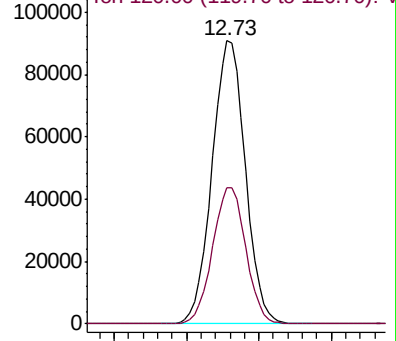
Ion Ratio Lower Upper

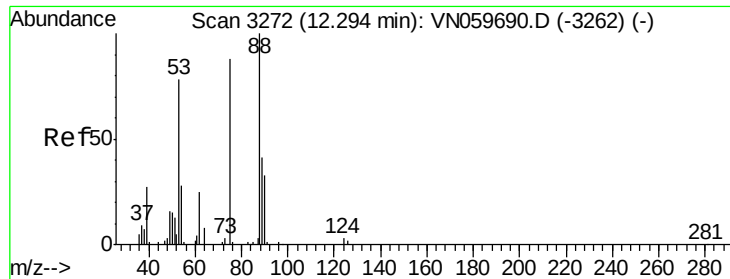
105 100

120 48.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059942.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.656 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

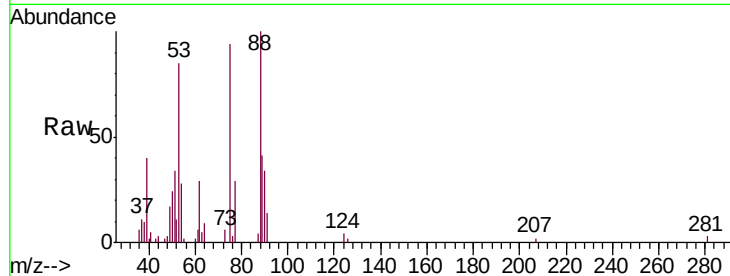
Tgt Ion: 75 Resp: 18286

Ion Ratio Lower Upper

75 100

53 92.5 78.1 117.1

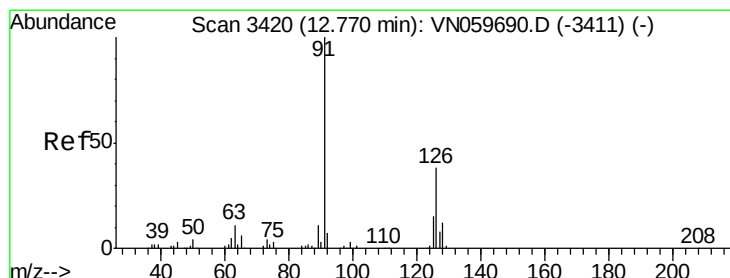
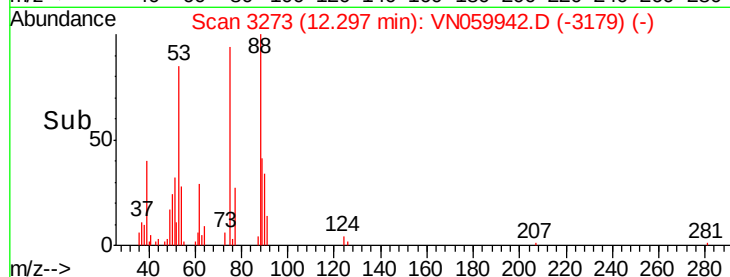
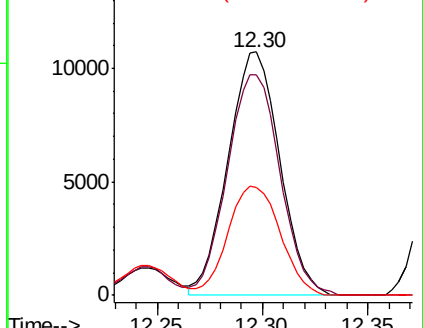
89 45.3 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN059942.D (-3273) (-)

Ion 53.00 (52.70 to 53.70): VN059942.D (-3273) (-)

Ion 88.90 (88.60 to 89.60): VN059942.D (-3273) (-)



#82

4-Chlorotoluene

Concen: 20.312 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059942.D

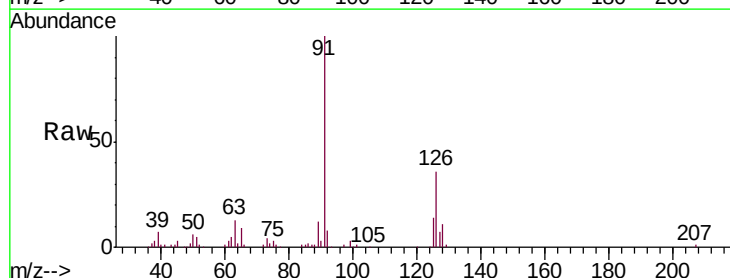
Acq: 31 Jan 2020 13:03

Tgt Ion: 91 Resp: 118436

Ion Ratio Lower Upper

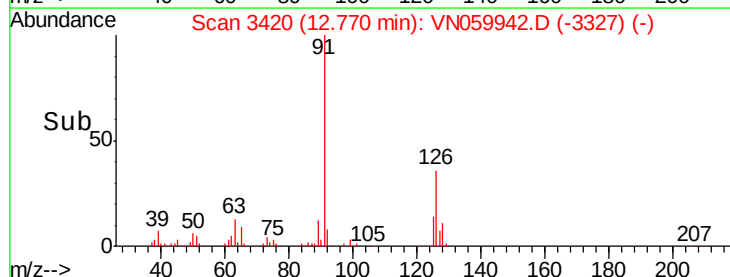
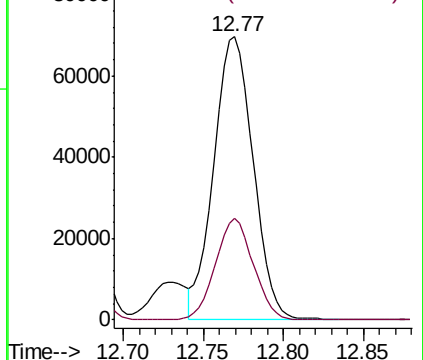
91 100

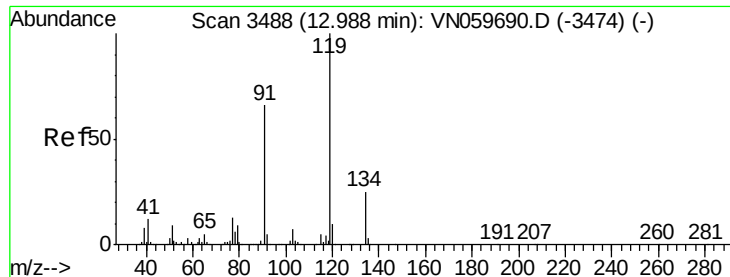
126 34.2 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059942.D (-3420) (-)

Ion 125.90 (125.60 to 126.60): VN059942.D (-3420) (-)





#83

tert-Butylbenzene

Concen: 19.900 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059942.D

Acq: 31 Jan 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

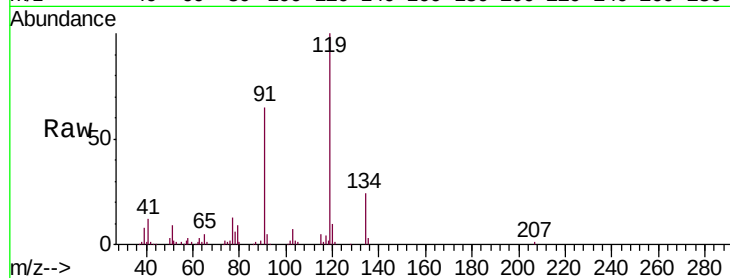
Tgt Ion:119 Resp: 126020

Ion Ratio Lower Upper

119 100

91 63.5 34.8 104.4

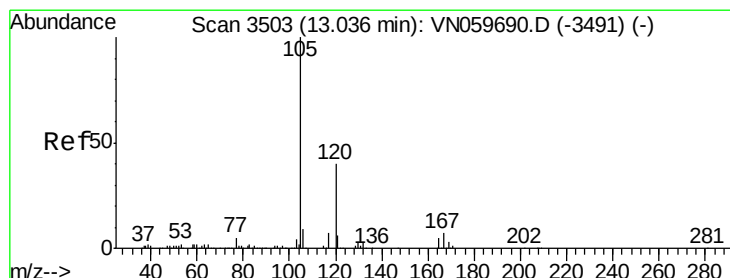
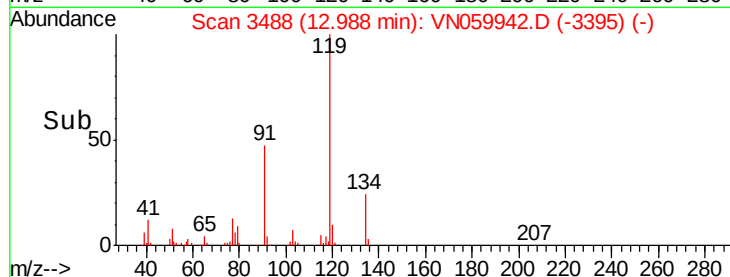
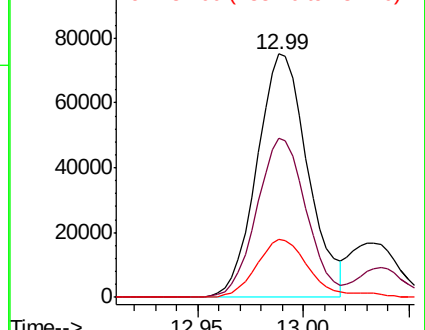
134 24.9 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.912 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059942.D

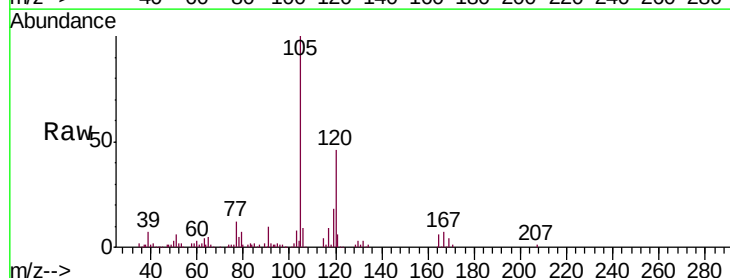
Acq: 31 Jan 2020 13:03

Tgt Ion:105 Resp: 144239

Ion Ratio Lower Upper

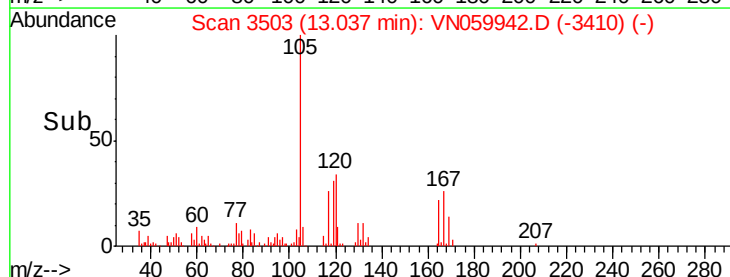
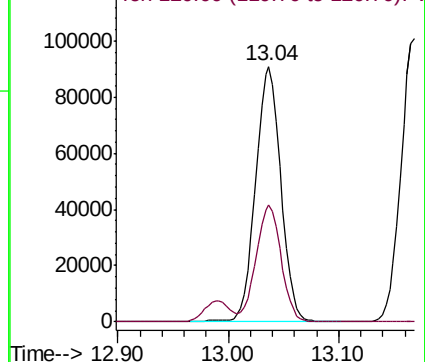
105 100

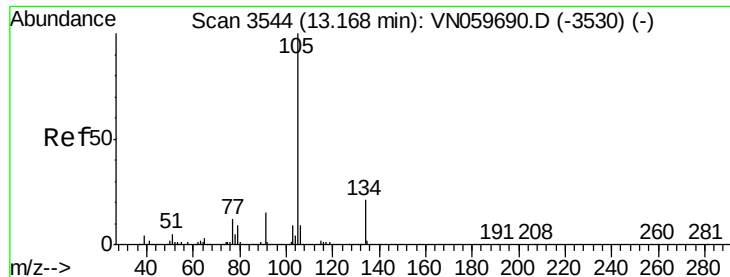
120 45.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

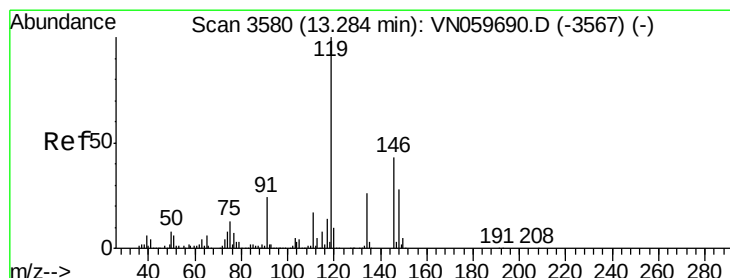
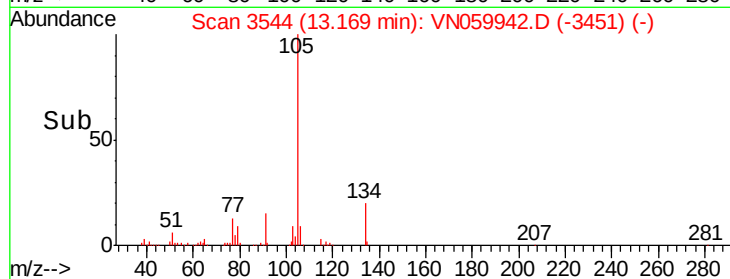
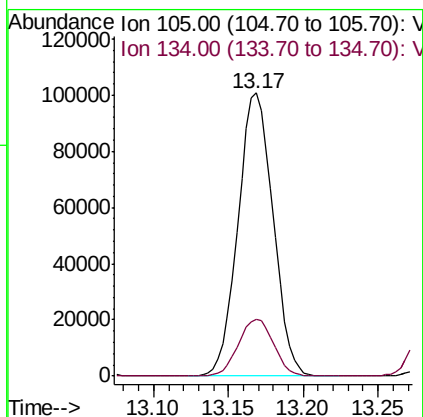
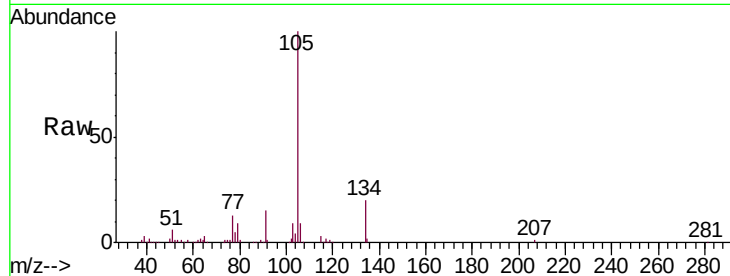




#85
 sec-Butylbenzene
 Concen: 19.769 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

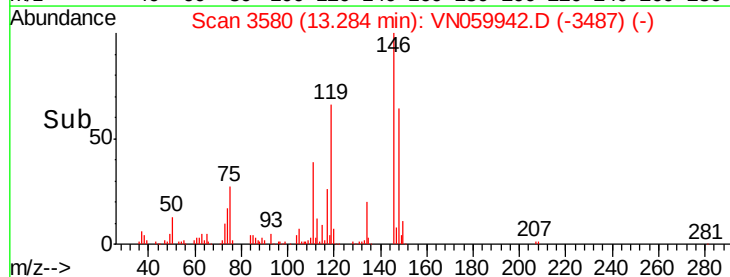
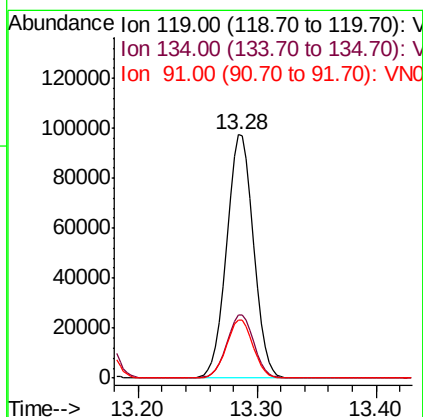
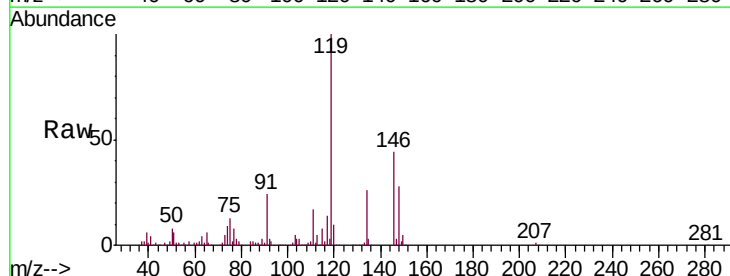
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

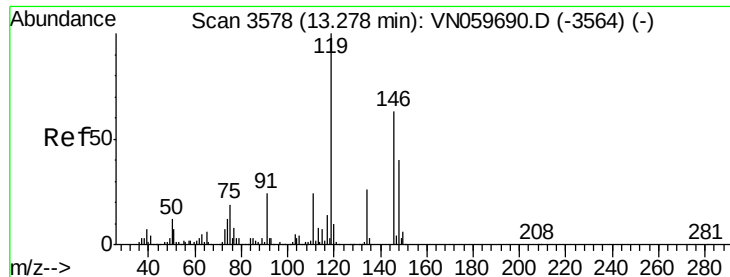
Tgt Ion:105 Resp: 164480
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.839 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion:119 Resp: 152729
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 23.6 12.4 37.4

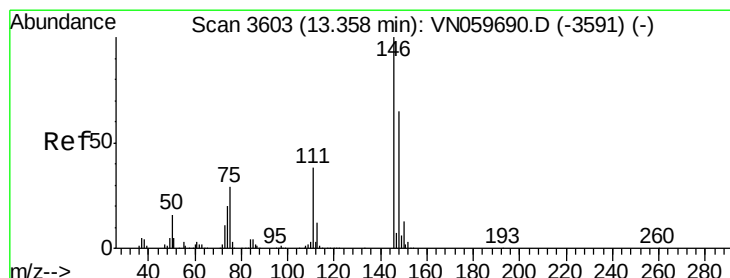
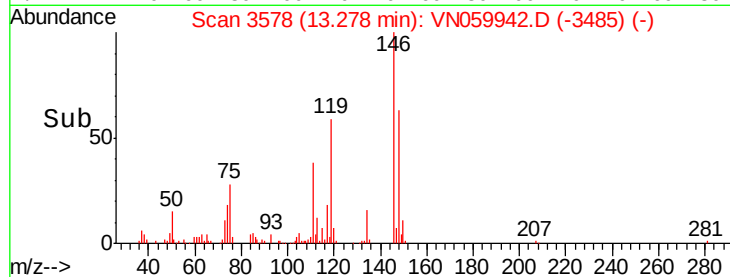
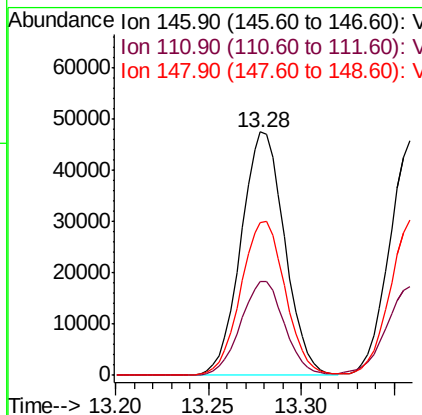
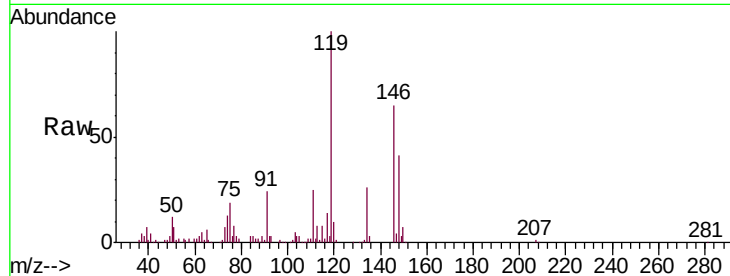




#87
 1,3-Dichlorobenzene
 Concen: 20.348 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

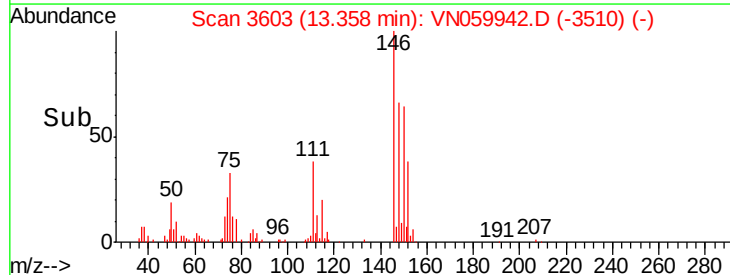
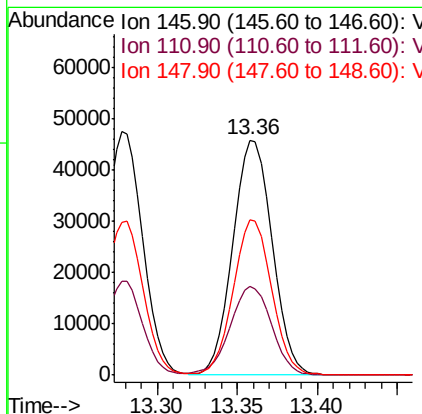
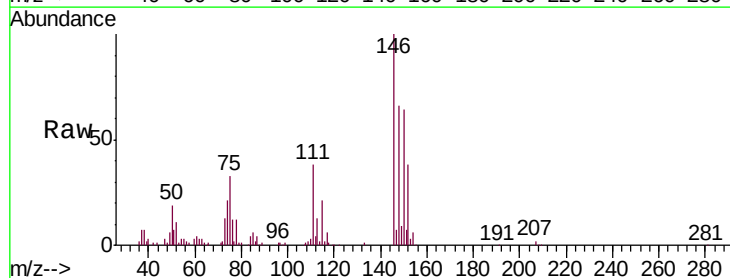
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

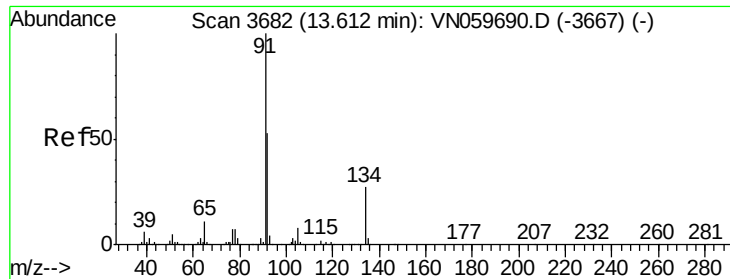
Tgt Ion:146 Resp: 77930
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.2
 148 64.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.123 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion:146 Resp: 76883
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.8 62.2
 148 64.5 31.8 95.4

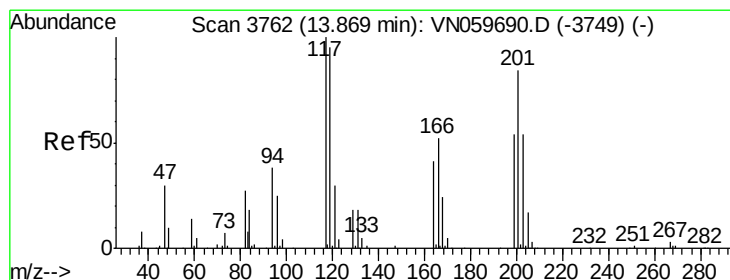
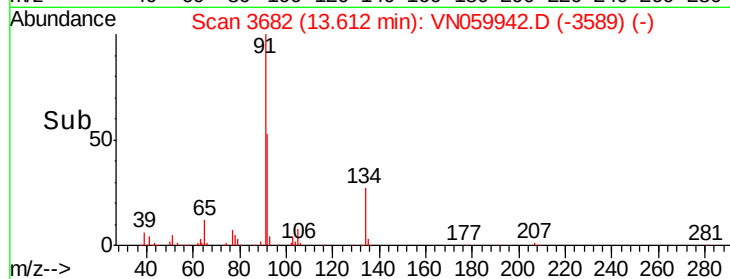
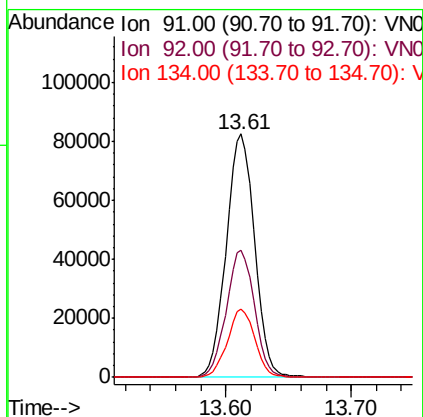
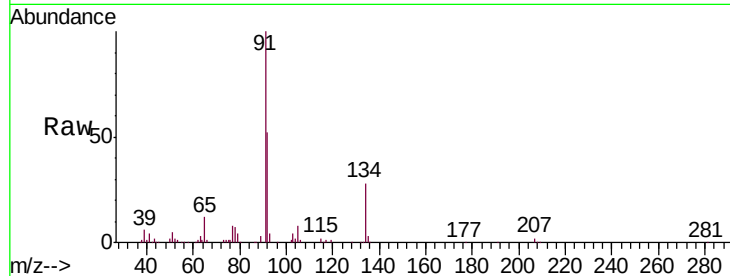




#89
n-Butylbenzene
Concen: 19.719 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

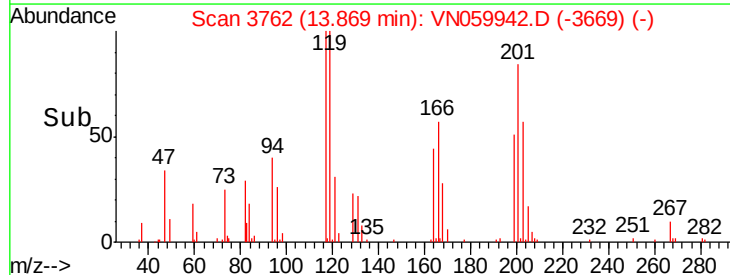
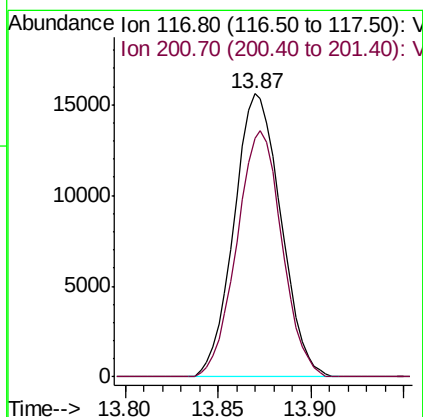
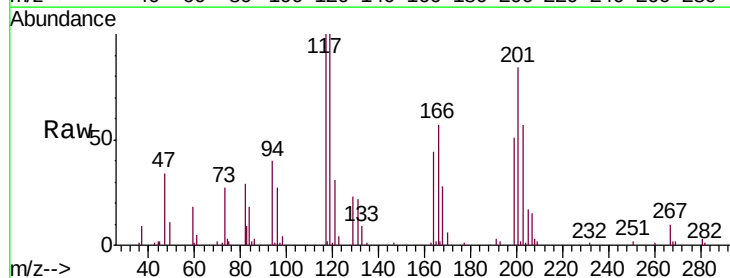
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

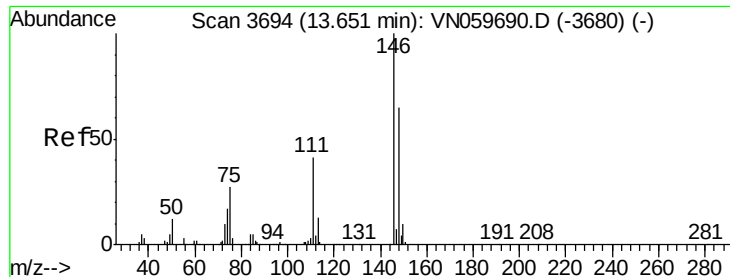
Tgt Ion: 91 Resp: 129436
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.7
134 27.2 12.3 36.8



#90
Hexachloroethane
Concen: 18.984 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion: 117 Resp: 27345
Ion Ratio Lower Upper
117 100
201 83.7 37.8 113.4

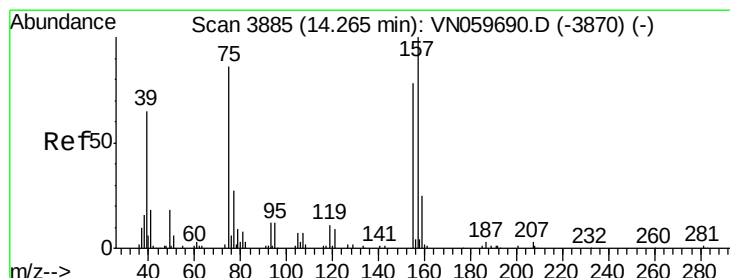
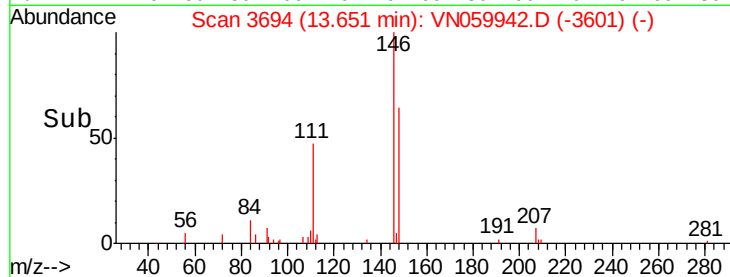
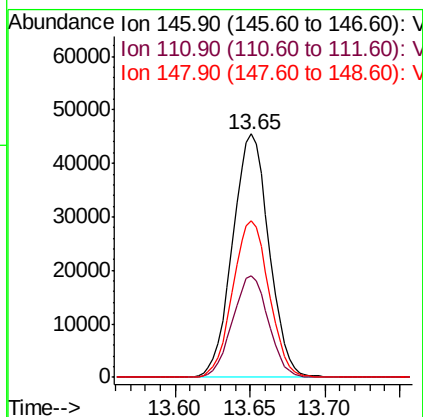
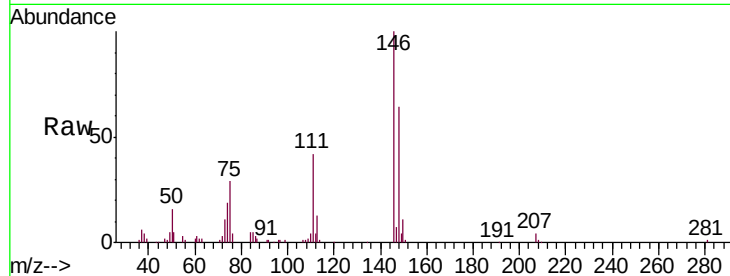




#91
 1,2-Dichlorobenzene
 Concen: 20.396 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

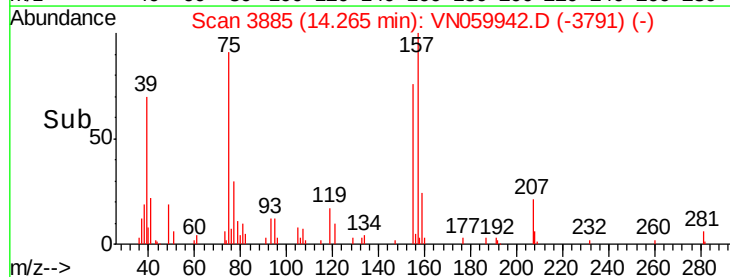
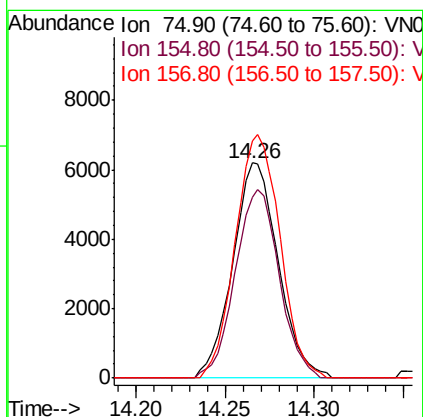
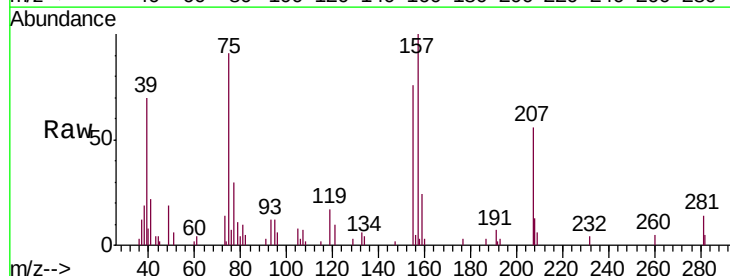
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

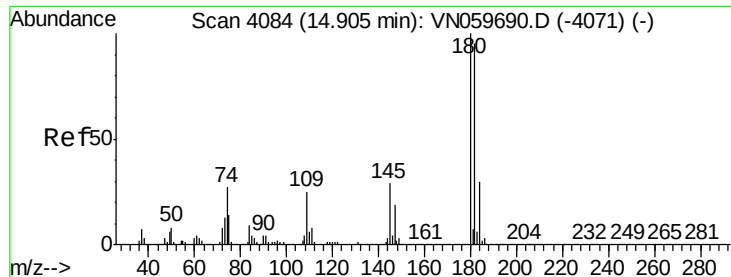
Tgt Ion: 146 Resp: 77224
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.6 64.8
 148 64.1 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.964 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion: 75 Resp: 10976
 Ion Ratio Lower Upper
 75 100
 155 84.9 37.0 110.9
 157 111.3 48.4 145.2

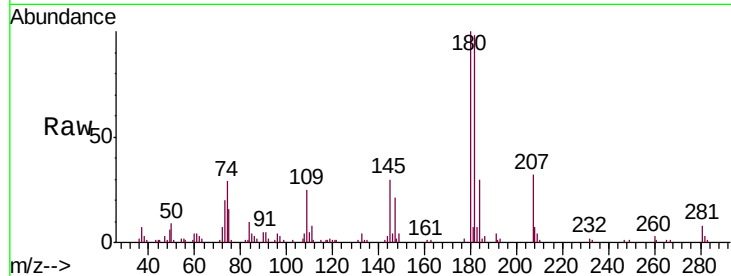




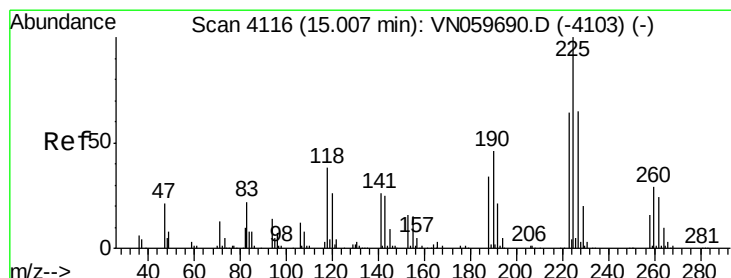
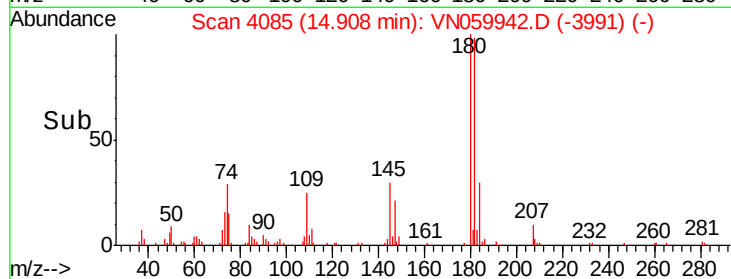
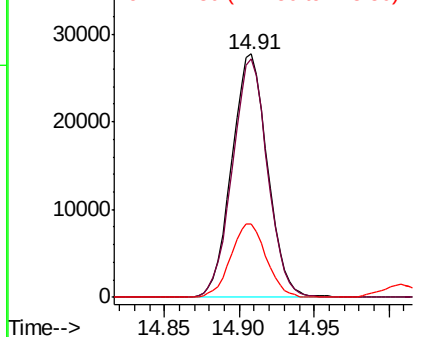
#93
 1,2,4-Trichlorobenzene
 Concen: 20.289 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

Tgt Ion:180 Resp: 46159
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.9 140.7
 145 30.0 15.0 45.1

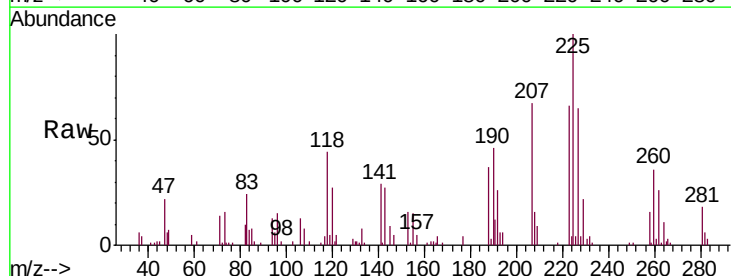


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

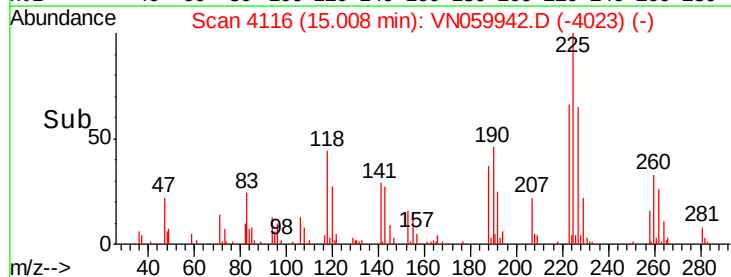
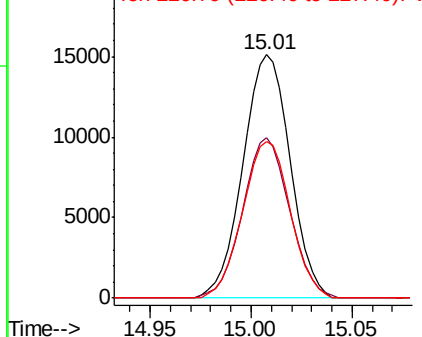


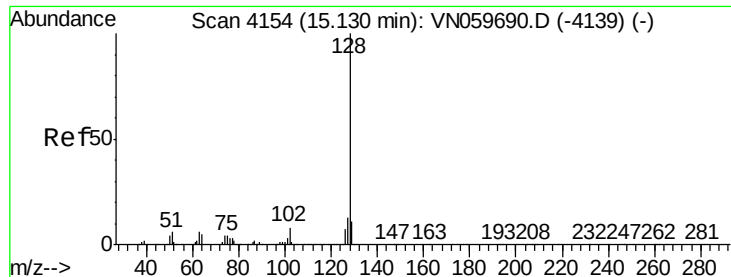
#94
 Hexachlorobutadiene
 Concen: 19.795 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059942.D
 Acq: 31 Jan 2020 13:03

Tgt Ion:225 Resp: 24817
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.8 95.3
 227 64.9 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

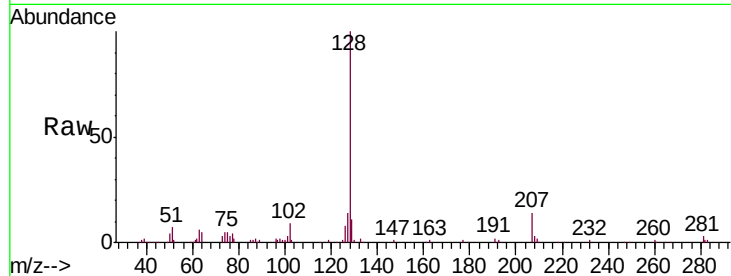




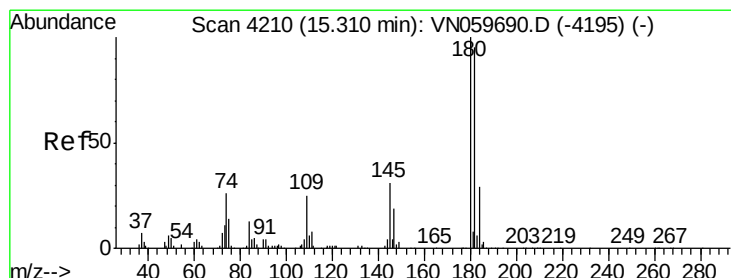
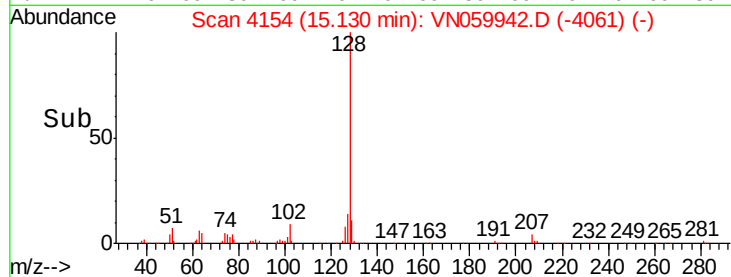
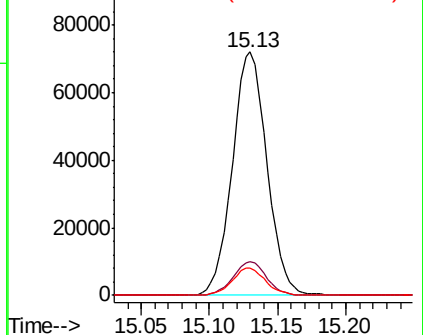
#95
Naphthalene
Concen: 19.591 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion:128 Resp: 126774
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.6 12.8

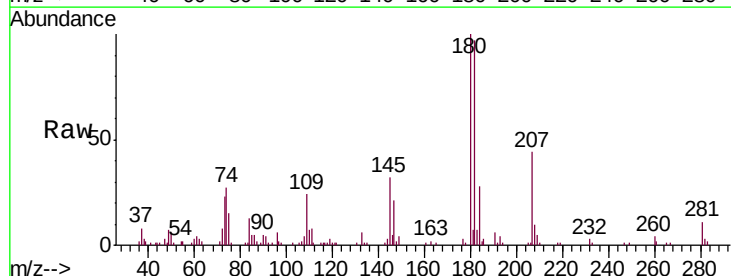


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.310 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059942.D
Acq: 31 Jan 2020 13:03

Tgt Ion:180 Resp: 44976
Ion Ratio Lower Upper
180 100
182 98.6 47.4 142.3
145 33.5 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

