

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012220\
 Data File : VN059825.D
 Acq On : 22 Jan 2020 12:26
 Operator : JC/MD
 Sample : VN0122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Quant Time: Jan 22 17:31:44 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	207430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	285228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	118945	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.56	113	99782	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.08	98	379526	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	132075	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45023	18.08	ug/l	97
3) Chloromethane	2.04	50	42095	17.73	ug/l	100
4) Vinyl Chloride	2.17	62	52969	19.49	ug/l	95
5) Bromomethane	2.54	94	33418	20.15	ug/l	98
6) Chloroethane	2.68	64	24849	19.33	ug/l	96
7) Trichlorofluoromethane	3.00	101	64144	19.66	ug/l	99
8) Diethyl Ether	3.38	74	24054	21.00	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37433	20.61	ug/l	91
10) Methyl Iodide	3.93	142	55765	19.00	ug/l	95
11) Tert butyl alcohol	4.73	59	38613	99.57	ug/l	98
12) 1,1-Dichloroethene	3.72	96	35187	18.54	ug/l	88
13) Acrolein	3.58	56	24142	87.95	ug/l	95
14) Allyl chloride	4.29	41	49160	19.22	ug/l #	86
15) Acrylonitrile	4.95	53	89558	101.24	ug/l	100
16) Acetone	3.78	43	94380	114.71	ug/l	96
17) Carbon Disulfide	4.03	76	93246	17.25	ug/l	100
18) Methyl Acetate	4.29	43	54923	20.41	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	127158	20.55	ug/l	94
20) Methylene Chloride	4.52	84	41454	19.09	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	38617	19.14	ug/l	89
22) Diisopropyl ether	5.91	45	114144	19.69	ug/l #	93
23) Vinyl Acetate	5.86	43	441677	98.41	ug/l #	94
24) 1,1-Dichloroethane	5.81	63	69336	19.58	ug/l	96
25) 2-Butanone	6.80	43	123903	94.98	ug/l #	89
26) 2,2-Dichloropropane	6.79	77	66255	19.46	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	45977	19.82	ug/l	88
28) Bromochloromethane	7.17	49	29590	20.90	ug/l #	72
29) Tetrahydrofuran	7.18	42	76650	94.97	ug/l #	87
30) Chloroform	7.35	83	73482	20.02	ug/l	97
31) Cyclohexane	7.63	56	61495	18.04	ug/l	86
32) 1,1,1-Trichloroethane	7.54	97	67605	19.92	ug/l	95
36) 1,1-Dichloropropene	7.77	75	52278	18.92	ug/l	95
37) Ethyl Acetate	6.90	43	50309	19.41	ug/l	97
38) Carbon Tetrachloride	7.75	117	58871	19.58	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	64403	18.90	ug/l	90
40) Benzene	8.02	78	160688	19.50	ug/l	100
41) Methacrylonitrile	7.18	41	71800	56.24	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	58087	20.79	ug/l	96
43) Isopropyl Acetate	8.14	43	85236	19.12	ug/l #	92
44) Trichloroethene	8.82	130	47203	20.98	ug/l	88
45) 1,2-Dichloropropane	9.10	63	41375	20.29	ug/l	96
46) Dibromomethane	9.19	93	29178	20.28	ug/l	89
47) Bromodichloromethane	9.39	83	59417	20.50	ug/l	99
48) Methyl methacrylate	9.18	41	37110	18.61	ug/l	86
49) 1,4-Dioxane	9.18	88	15917	436.04	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	249864	96.96	ug/l	95
52) Toluene	10.14	92	103589	19.90	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	65335	20.18	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	69823	20.50	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	41472	20.12	ug/l	98
56) Ethyl methacrylate	10.42	69	60163	19.10	ug/l	92
57) 1,3-Dichloropropane	10.70	76	69788	21.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	105985	111.69	ug/l	91
59) 2-Hexanone	10.74	43	183326	96.56	ug/l	95
60) Dibromochloromethane	10.89	129	50119	21.35	ug/l	98
61) 1,2-Dibromoethane	10.99	107	44614	20.65	ug/l	98
64) Tetrachloroethene	10.62	164	47485	20.43	ug/l	96
65) Chlorobenzene	11.43	112	113077	20.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	45320	20.92	ug/l	98
67) Ethyl Benzene	11.50	91	201150	19.76	ug/l	96
68) m/p-Xylenes	11.62	106	153887	40.03	ug/l	92
69) o-Xylene	11.94	106	74605	19.82	ug/l	94
70) Styrene	11.96	104	120360	19.11	ug/l	97
71) Bromoform	12.12	173	35593	20.51	ug/l #	96
73) Isopropylbenzene	12.24	105	201513	20.56	ug/l	100
74) N-amyl acetate	12.07	43	70284	18.48	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	57582	20.26	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76459	33.99	ug/l #	100
77) Bromobenzene	12.52	156	50847	20.48	ug/l	81
78) n-propylbenzene	12.59	91	222988	20.27	ug/l	97
79) 2-Chlorotoluene	12.67	91	130928	20.00	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	166912	20.25	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	20351	19.43	ug/l	94
82) 4-Chlorotoluene	12.77	91	132297	20.15	ug/l	94
83) tert-Butylbenzene	12.99	119	143729	20.16	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	166916	20.47	ug/l	98
85) sec-Butylbenzene	13.17	105	188034	20.07	ug/l	98
86) p-Isopropyltoluene	13.28	119	173365	20.00	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	89926	20.85	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	88066	20.47	ug/l	97
89) n-Butylbenzene	13.61	91	145438	19.68	ug/l	98
90) Hexachloroethane	13.87	117	32385	19.97	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	87355	20.49	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12150	18.61	ug/l	85

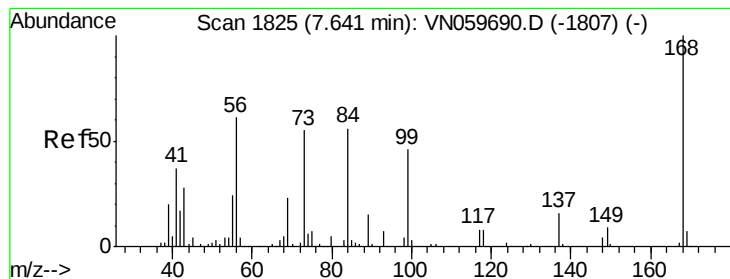
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51238	20.00	ug/l	98
94) Hexachlorobutadiene	15.01	225	28579	20.25	ug/l	99
95) Naphthalene	15.13	128	137939	18.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49644	19.91	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

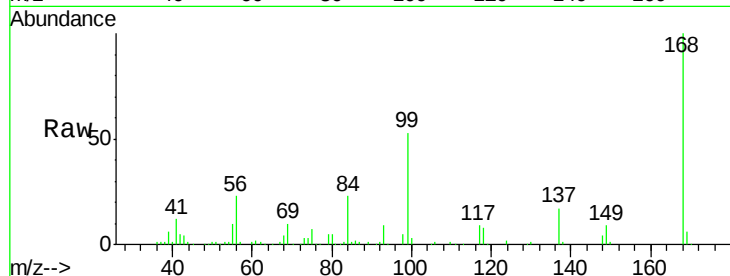
VN0122MBS01

Tgt Ion: 168 Resp: 207430

Ion Ratio Lower Upper

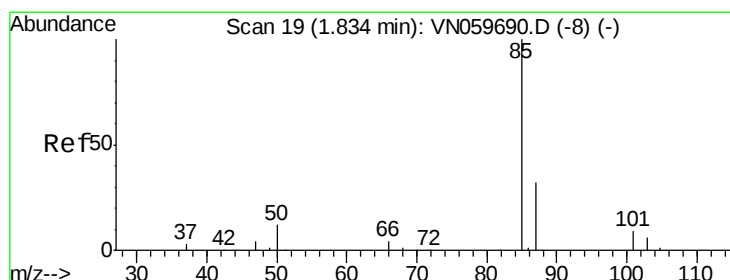
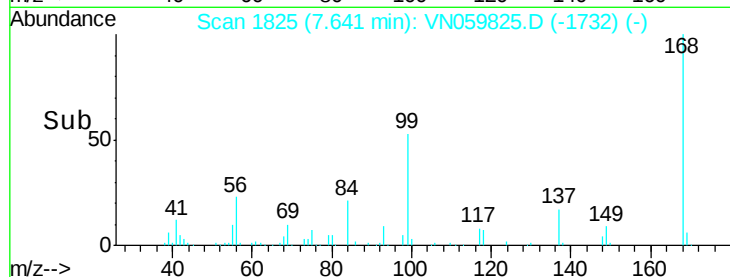
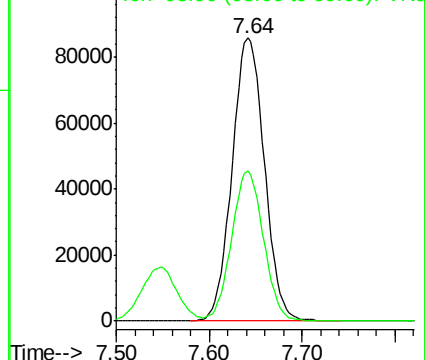
168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.08 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059825.D

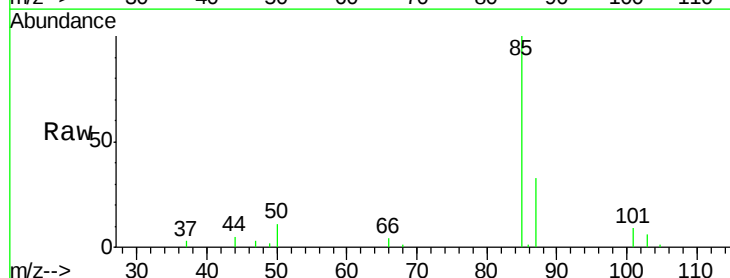
Acq: 22 Jan 2020 12:26

Tgt Ion: 85 Resp: 45023

Ion Ratio Lower Upper

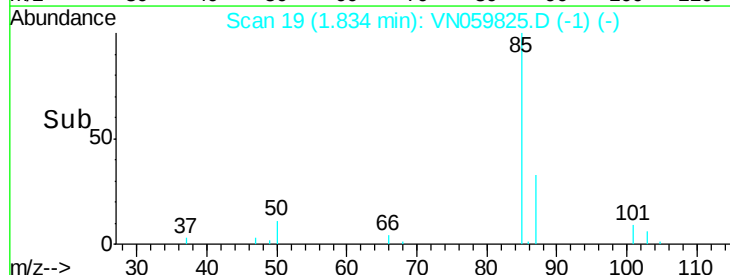
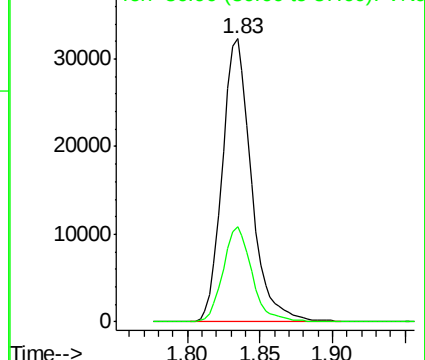
85 100

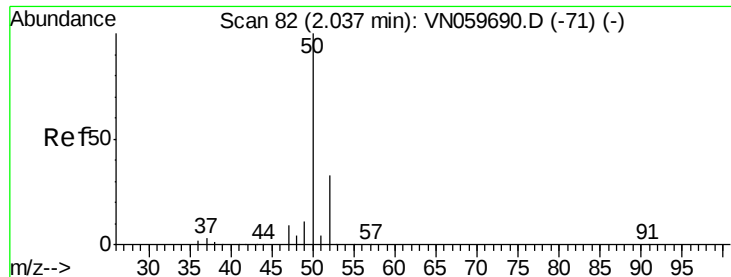
87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.73 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

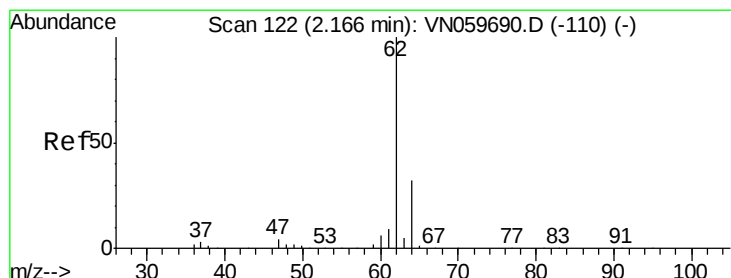
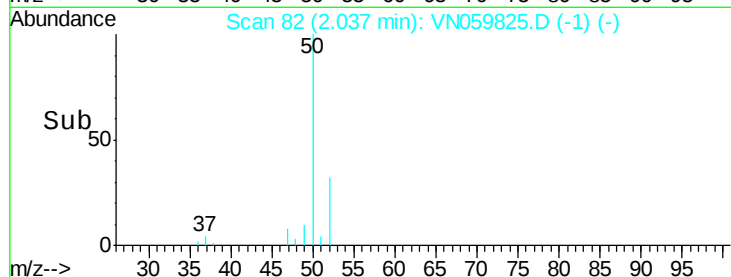
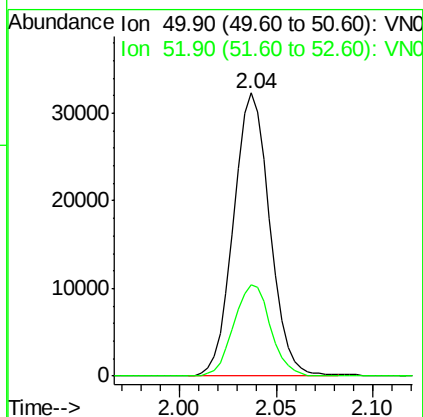
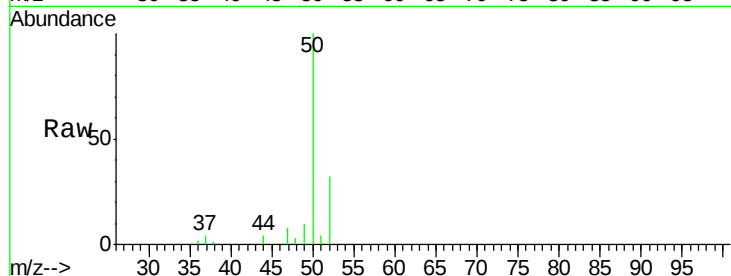
VN0122MBS01

Tgt Ion: 50 Resp: 42095

Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



#4

Vinyl Chloride

Concen: 19.49 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059825.D

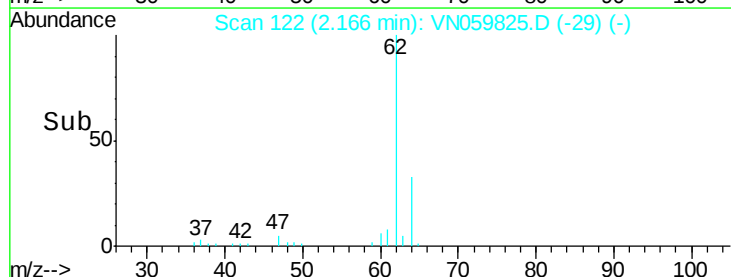
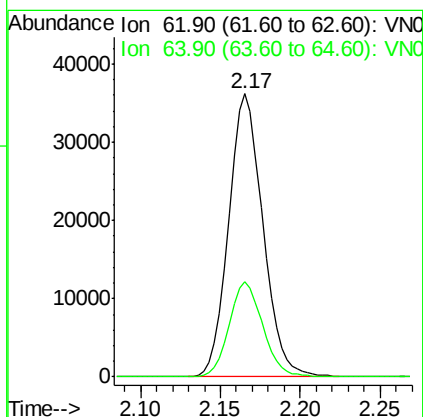
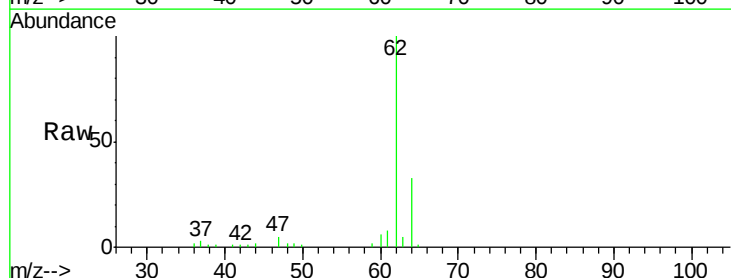
Acq: 22 Jan 2020 12:26

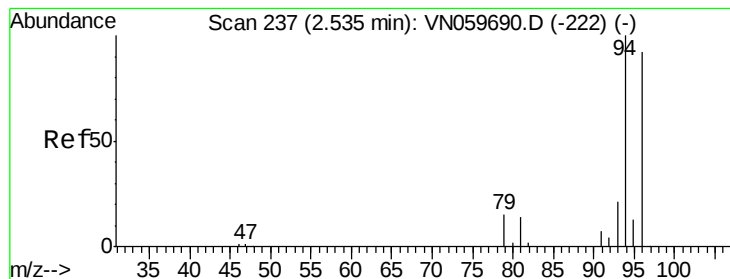
Tgt Ion: 62 Resp: 52969

Ion Ratio Lower Upper

62 100

64 33.4 24.6 37.0





#5

Bromomethane

Concen: 20.15 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

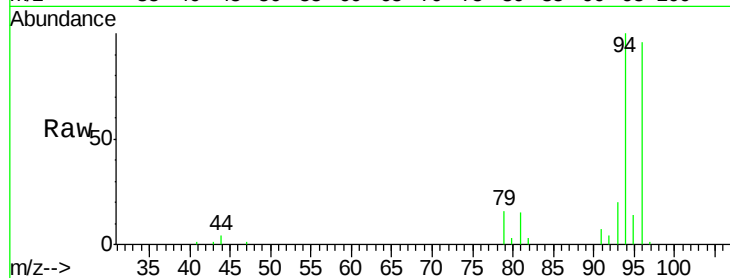
VN0122MBS01

Tgt Ion: 94 Resp: 33418

Ion Ratio Lower Upper

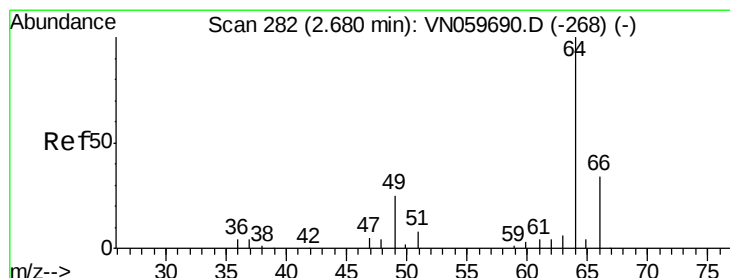
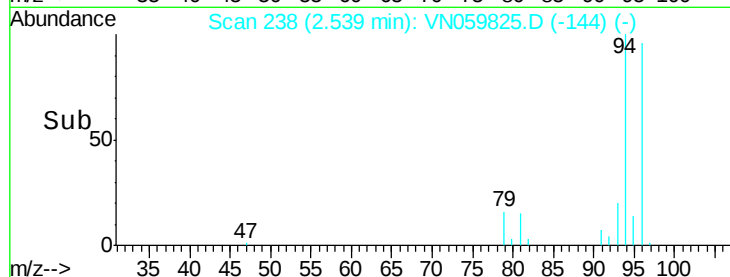
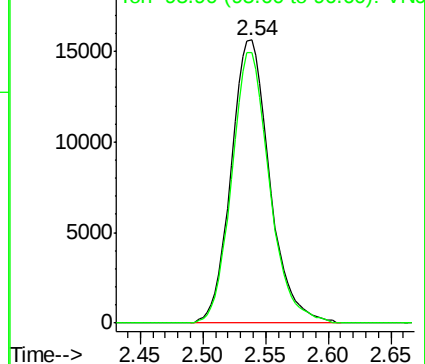
94 100

96 95.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.33 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059825.D

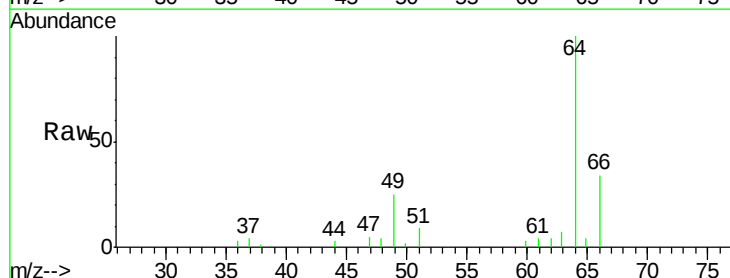
Acq: 22 Jan 2020 12:26

Tgt Ion: 64 Resp: 24849

Ion Ratio Lower Upper

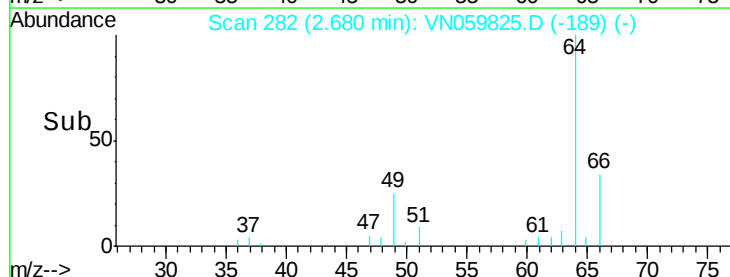
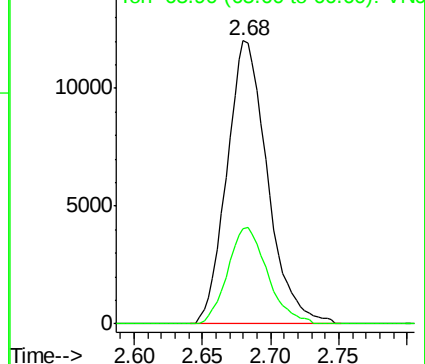
64 100

66 33.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



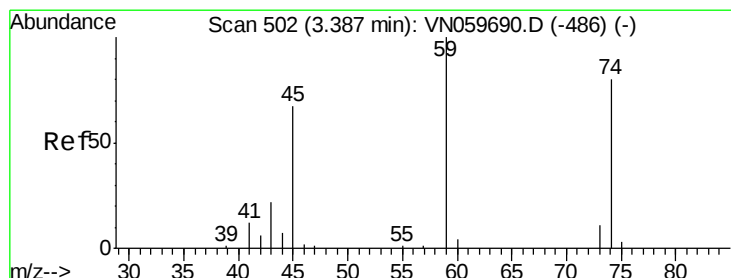
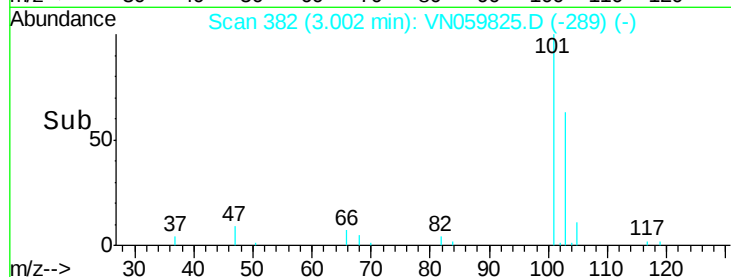
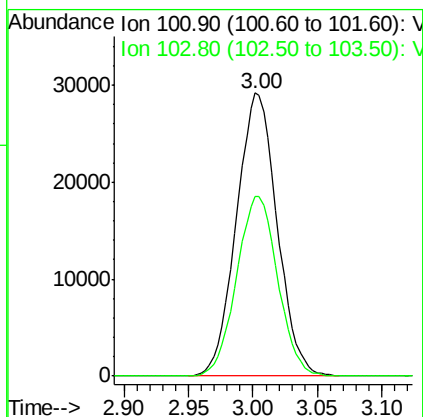
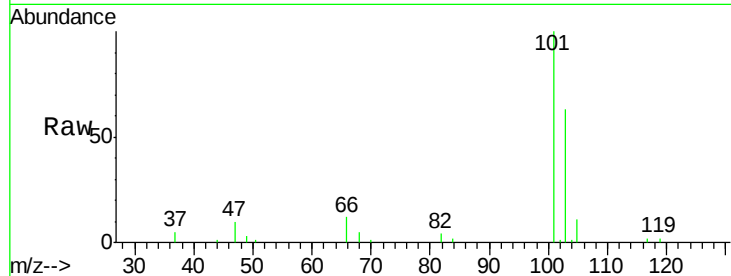


#7

Trichlorofluoromethane
Concen: 19.66 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

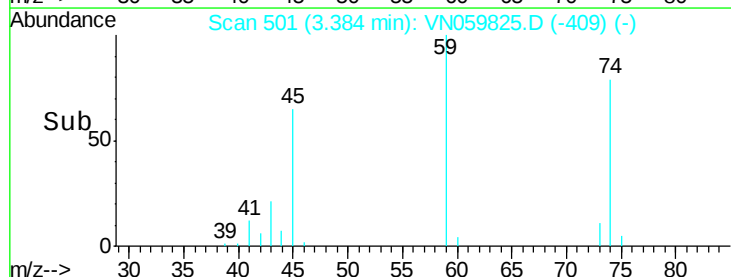
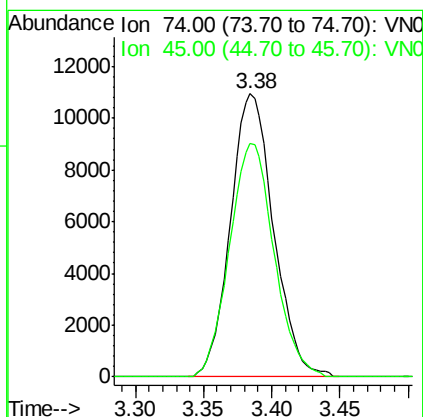
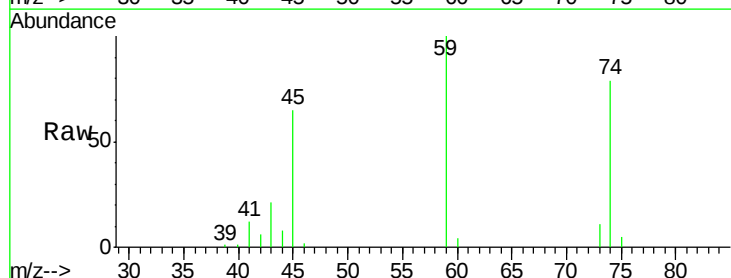
Tgt Ion: 101 Resp: 64144
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.6



#8

Diethyl Ether
Concen: 21.00 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 74 Resp: 24054
Ion Ratio Lower Upper
74 100
45 84.9 51.9 155.8

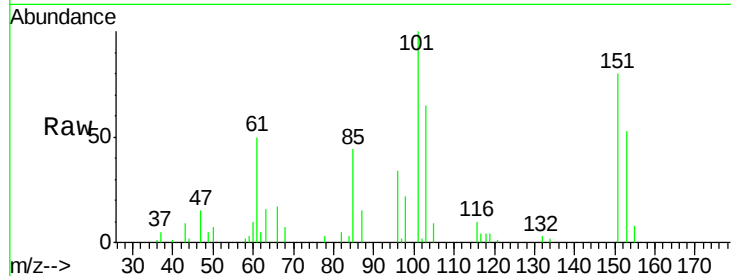




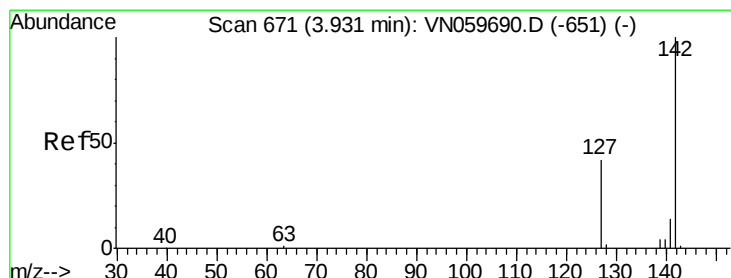
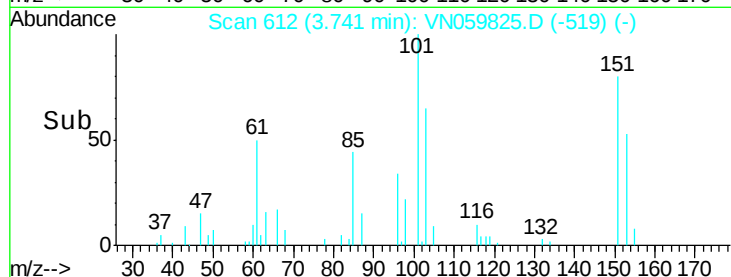
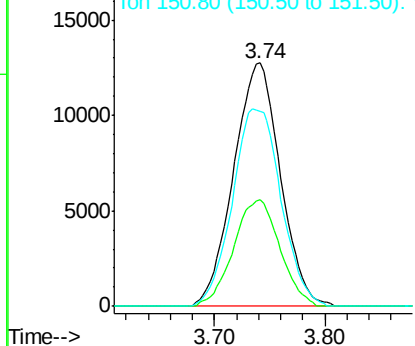
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.61 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Tgt Ion:101 Resp: 37433
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.6 54.8
 151 84.4 59.7 89.5

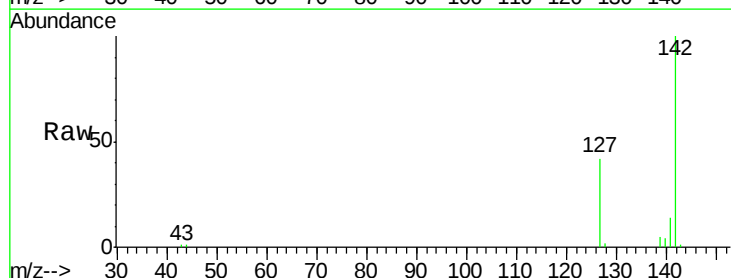


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

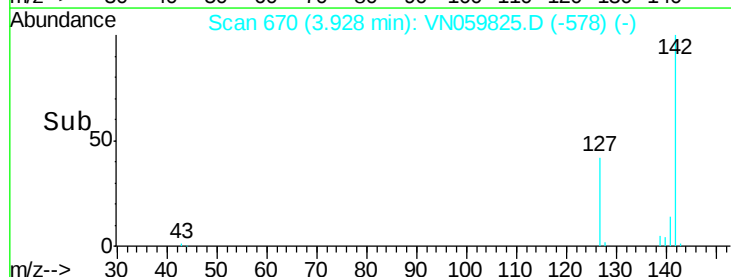
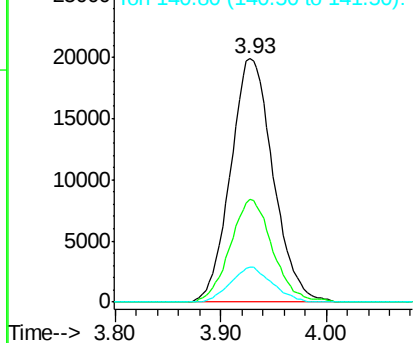


#10
 Methyl Iodide
 Concen: 19.00 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion:142 Resp: 55765
 Ion Ratio Lower Upper
 142 100
 127 41.9 36.7 55.1
 141 14.0 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

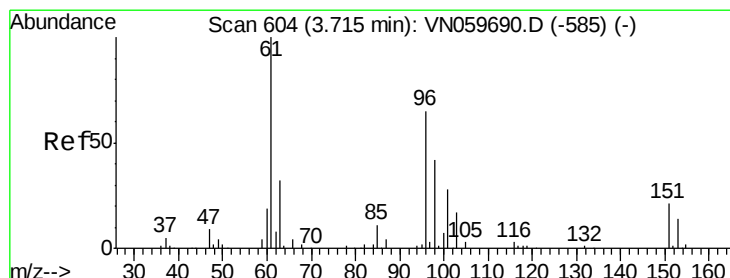
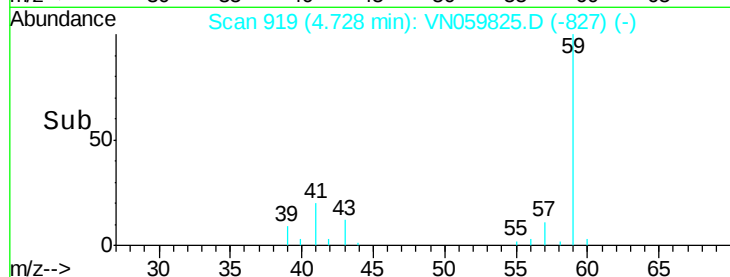
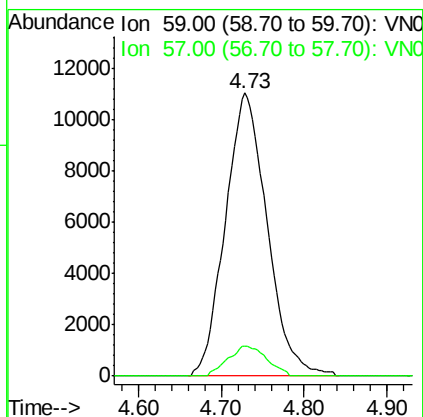
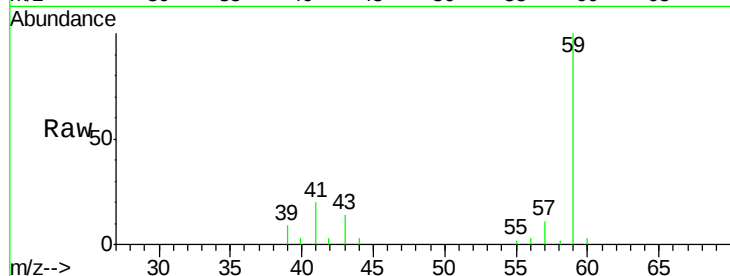




#11
Tert butyl alcohol
Concen: 99.57 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

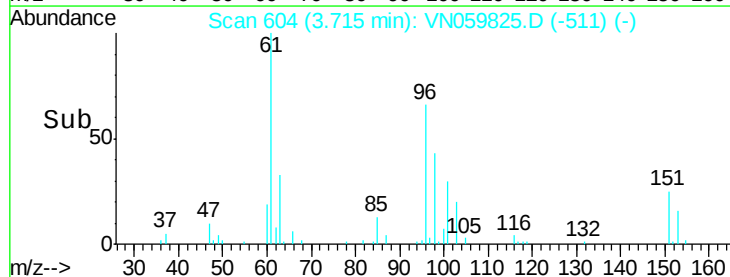
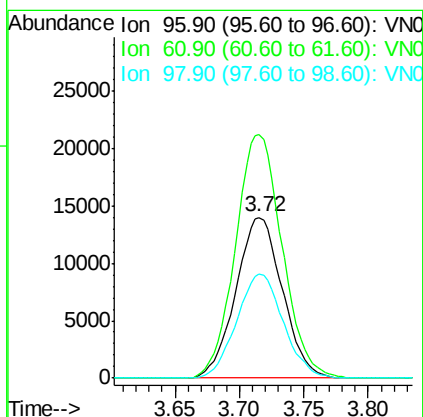
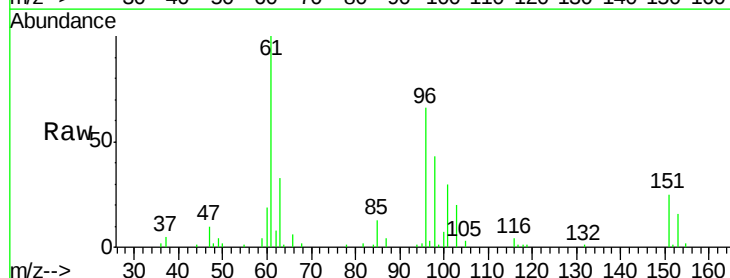
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

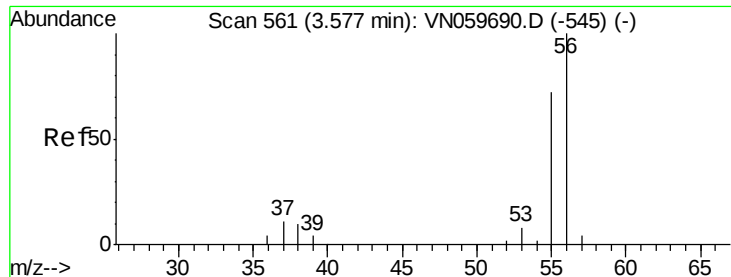
Tgt Ion: 59 Resp: 38613
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.54 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 96 Resp: 35187
Ion Ratio Lower Upper
96 100
61 151.2 137.5 206.3
98 64.5 50.2 75.4





#13

Acrolein

Concen: 87.95 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

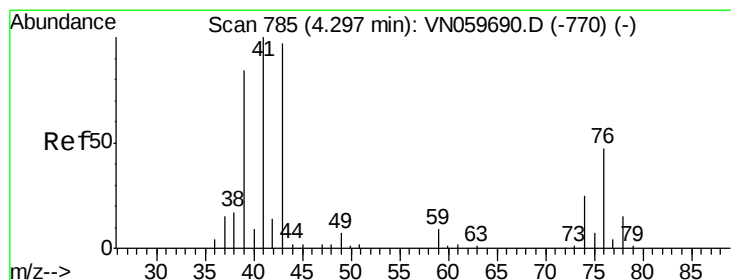
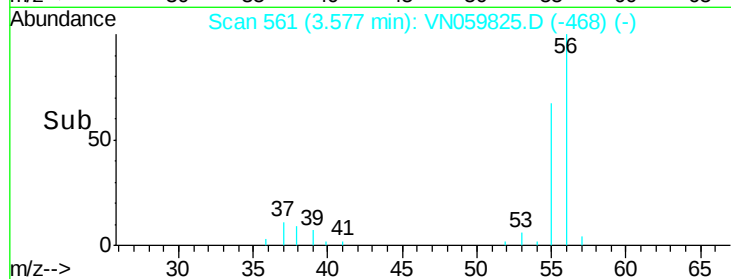
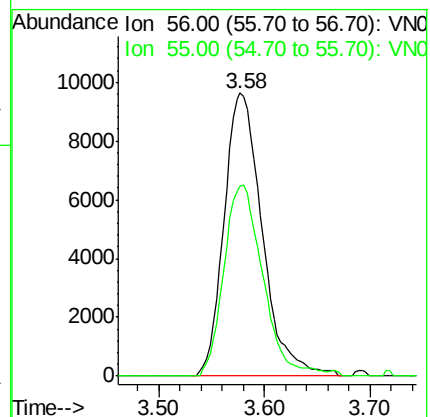
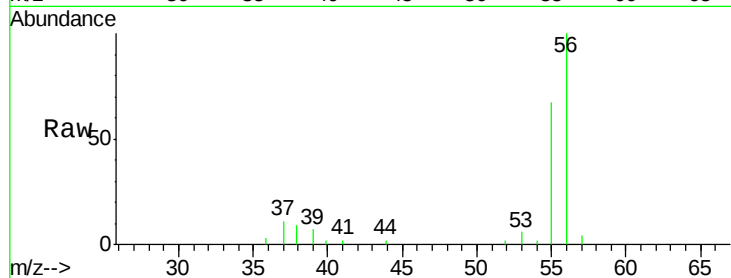
VN0122MBS01

Tgt Ion: 56 Resp: 24142

Ion Ratio Lower Upper

56 100

55 68.9 58.6 88.0



#14

Allyl chloride

Concen: 19.22 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

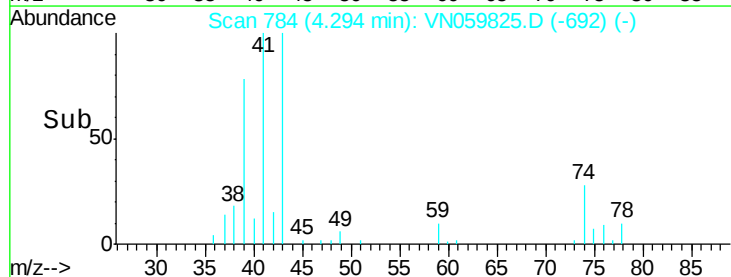
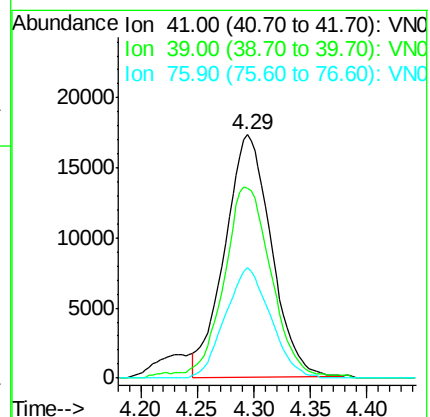
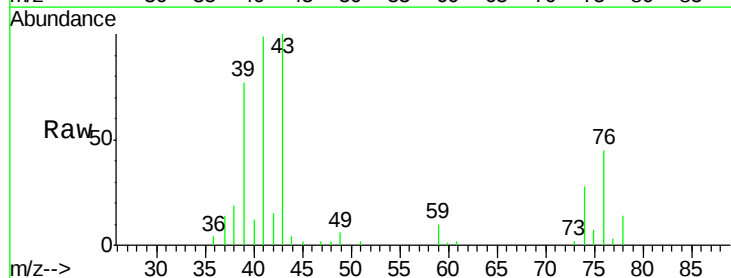
Tgt Ion: 41 Resp: 49160

Ion Ratio Lower Upper

41 100

39 80.9 57.8 86.8

76 44.6 25.4 38.0#





#15

Acrylonitrile

Concen: 101.24 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

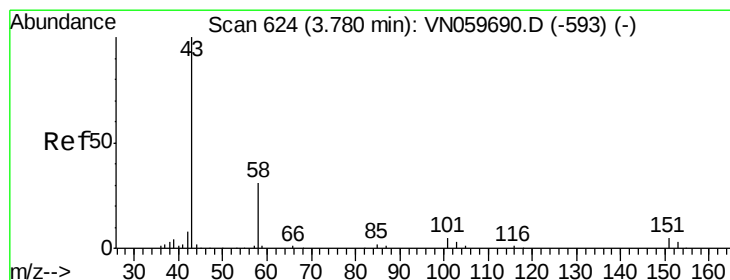
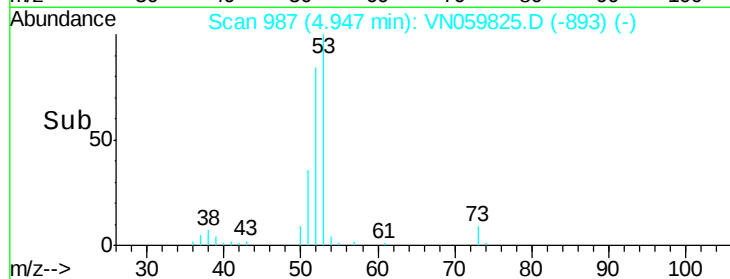
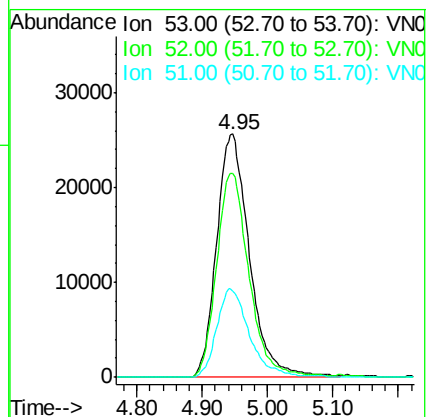
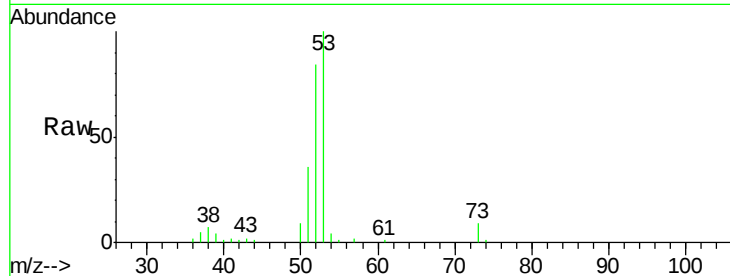
Tgt Ion: 53 Resp: 89558

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 36.3 29.7 44.5



#16

Acetone

Concen: 114.71 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059825.D

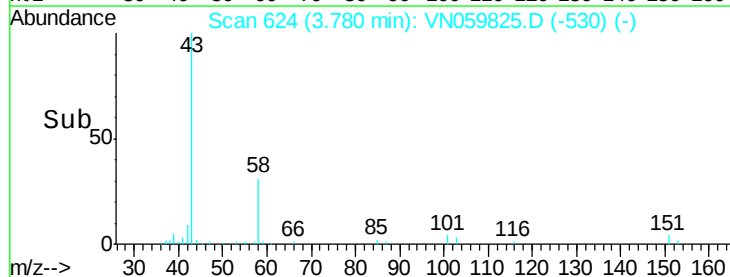
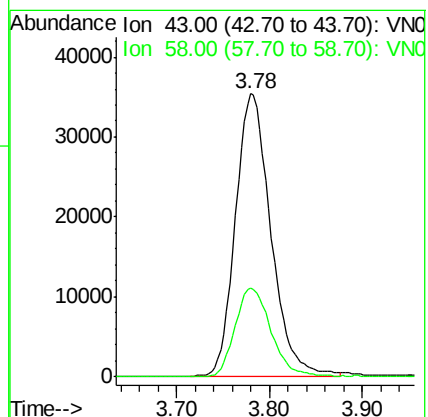
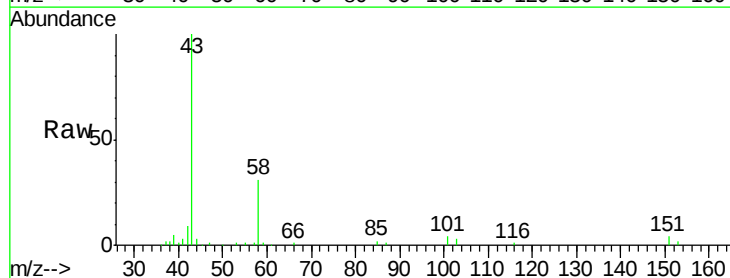
Acq: 22 Jan 2020 12:26

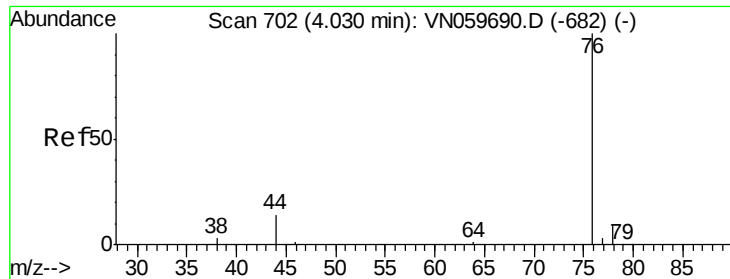
Tgt Ion: 43 Resp: 94380

Ion Ratio Lower Upper

43 100

58 31.4 23.6 35.4

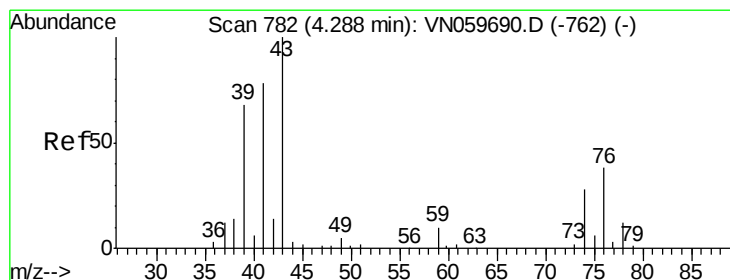
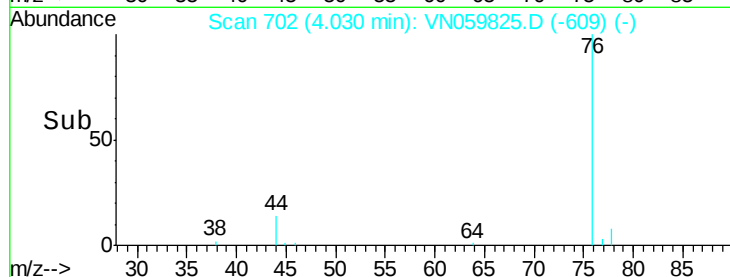
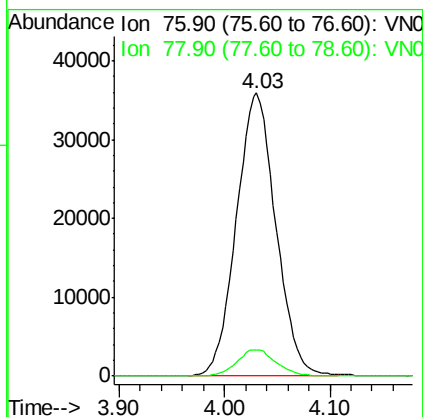
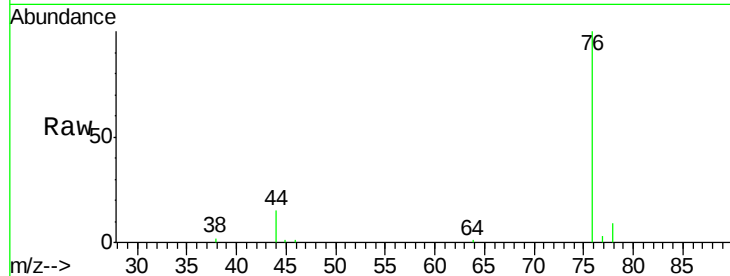




#17
Carbon Disulfide
Concen: 17.25 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

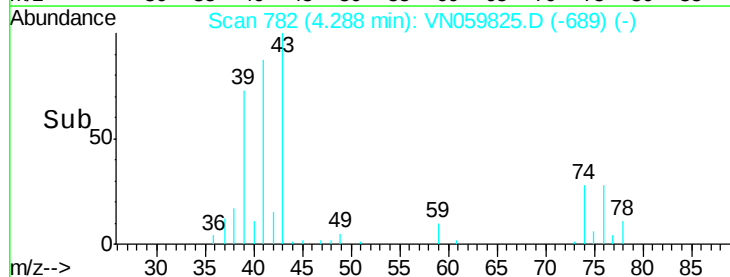
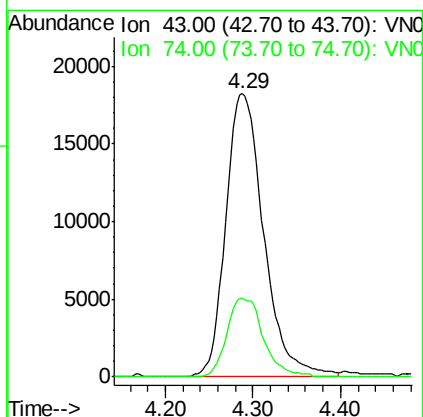
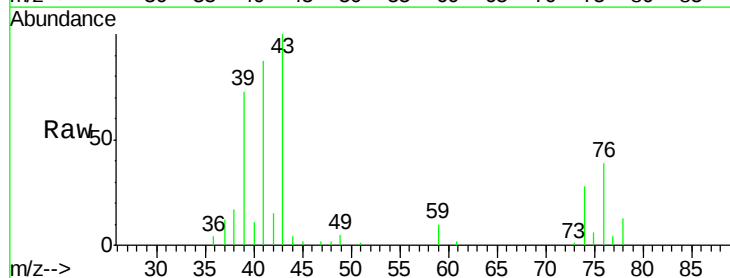
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

Tgt Ion: 76 Resp: 93246
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.41 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 43 Resp: 54923
Ion Ratio Lower Upper
43 100
74 26.8 17.5 26.3#

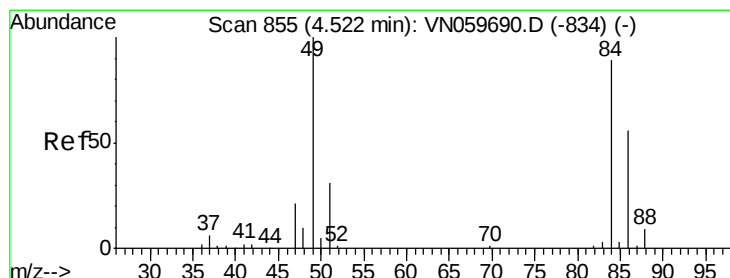
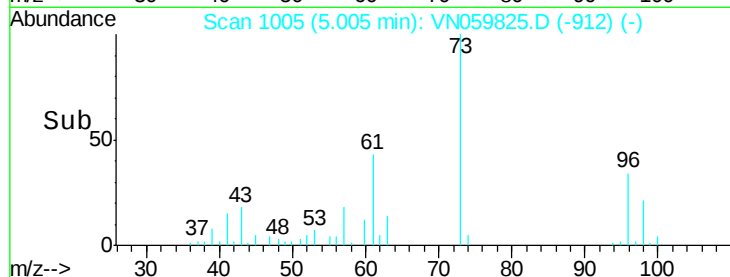
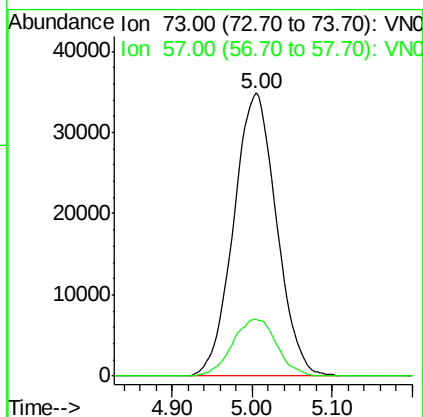
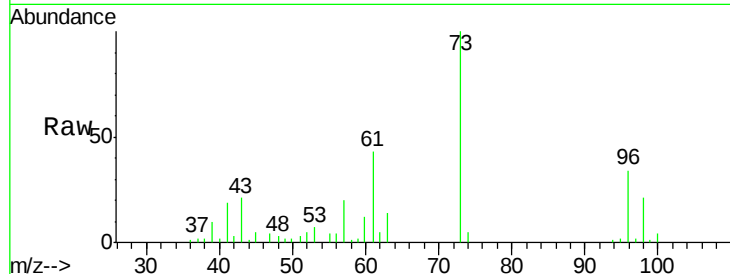




#19
Methyl tert-butyl Ether
Concen: 20.55 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

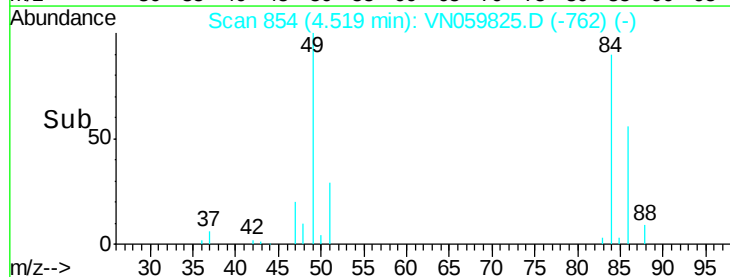
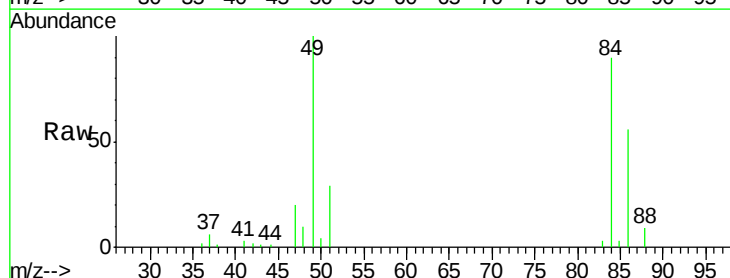
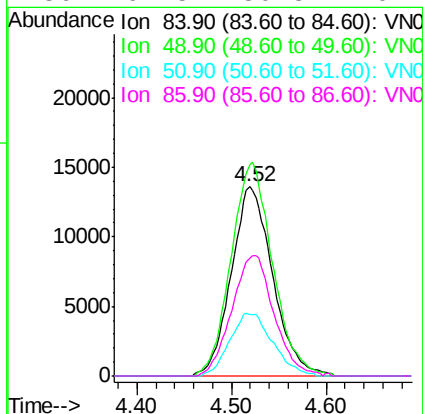
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

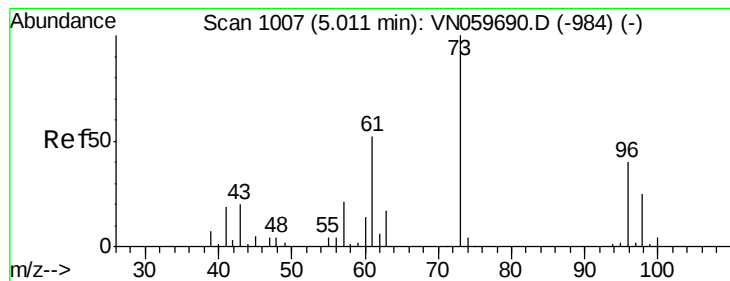
Tgt Ion: 73 Resp: 127158
Ion Ratio Lower Upper
73 100
57 20.2 18.6 27.8



#20
Methylene Chloride
Concen: 19.09 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 84 Resp: 41454
Ion Ratio Lower Upper
84 100
49 111.5 106.6 160.0
51 32.8 31.9 47.9
86 62.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

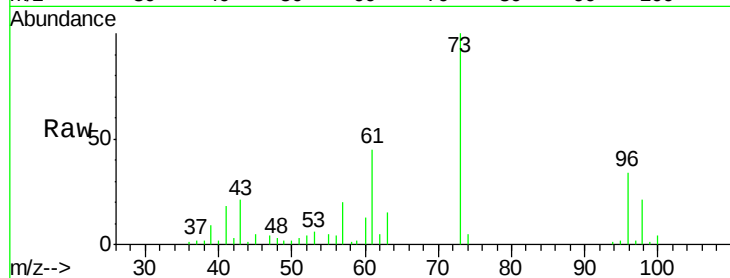
Tgt Ion: 96 Resp: 38617

Ion Ratio Lower Upper

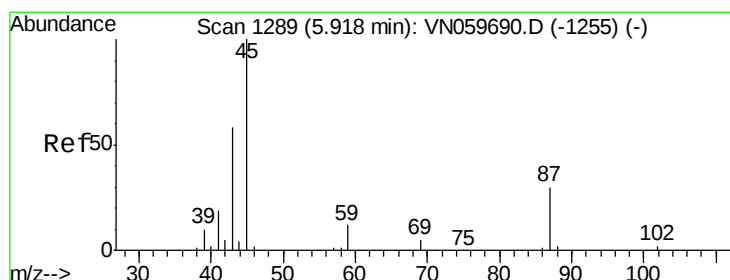
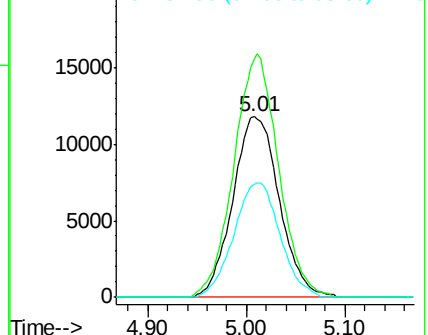
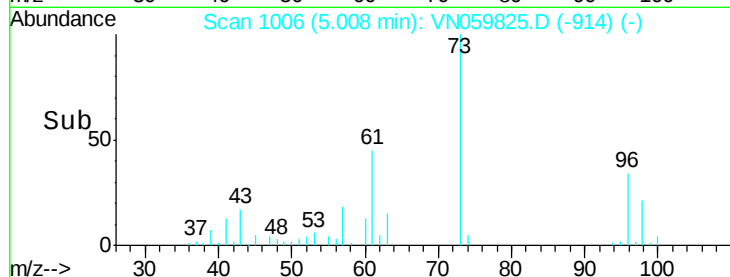
96 100

61 132.1 120.4 180.6

98 62.4 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059825.D (-914) (-)



#22

Diisopropyl ether

Concen: 19.69 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Tgt Ion: 45 Resp: 114144

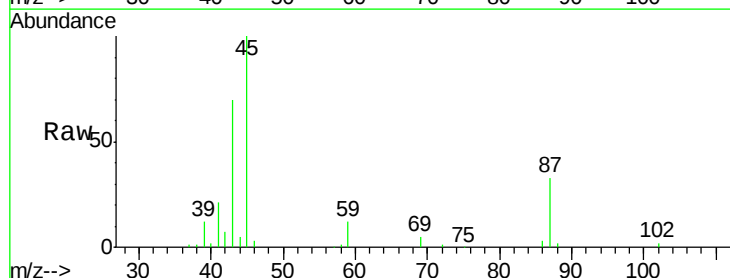
Ion Ratio Lower Upper

45 100

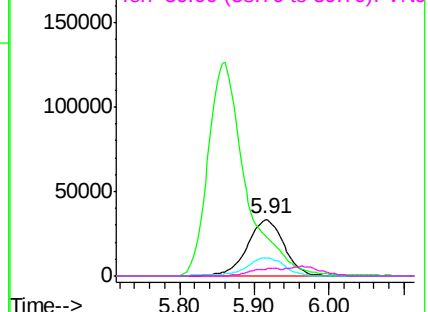
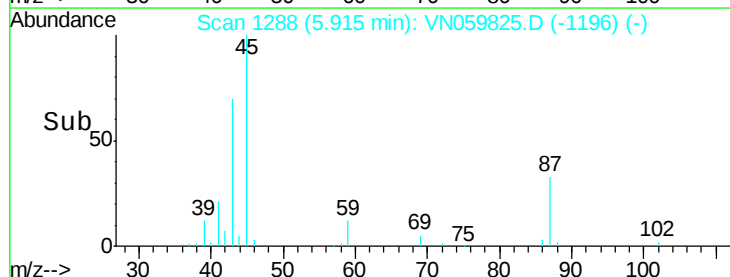
43 68.1 50.8 76.2

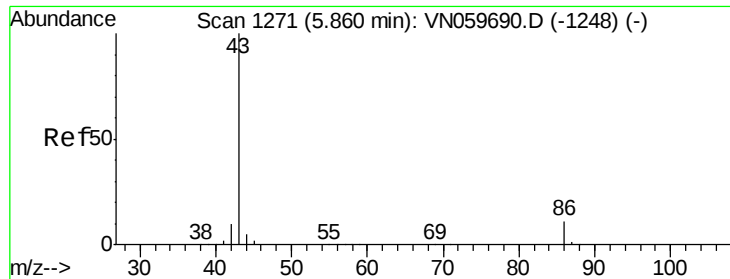
87 32.8 21.0 31.6

59 12.1 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN059825.D (-1196) (-)

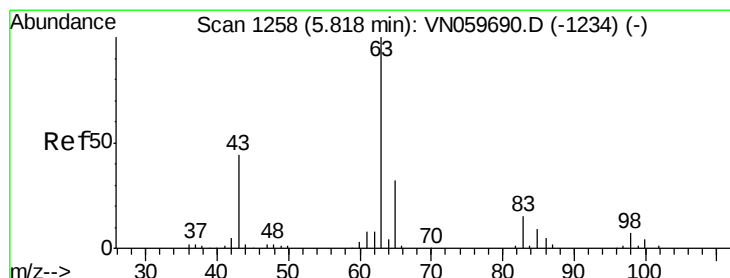
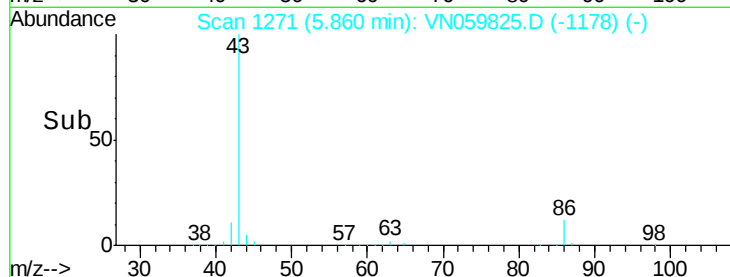
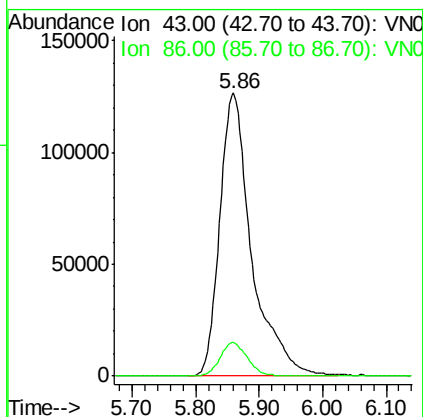
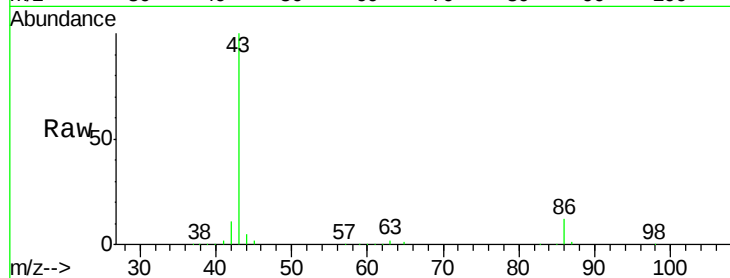




#23
 Vinyl Acetate
 Concen: 98.41 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

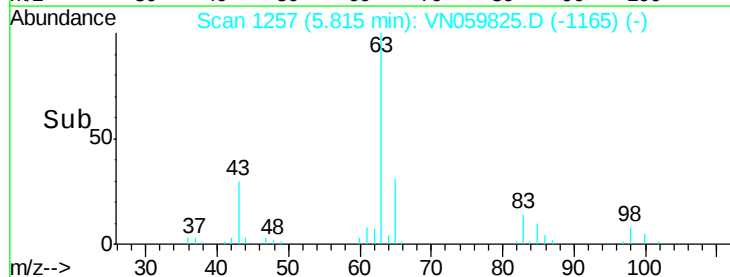
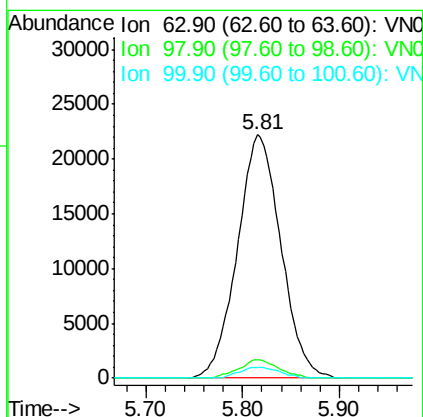
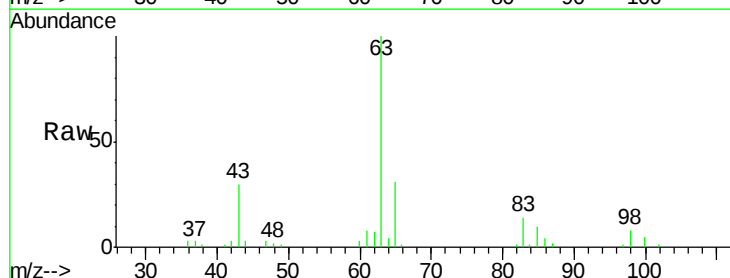
Instrument :
 MSVOA_N
 ClientSampled :
 VN0122MBS01

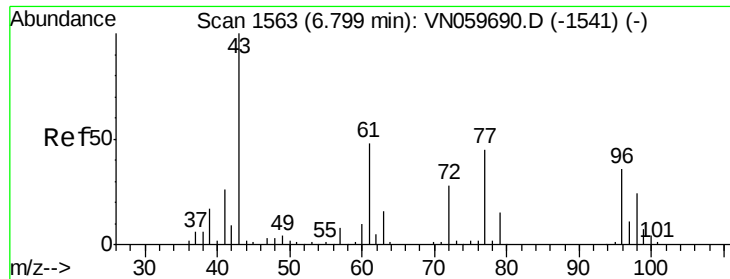
Tgt Ion: 43 Resp: 441677
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 19.58 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion: 63 Resp: 69336
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.7
 100 4.6 2.0 6.0

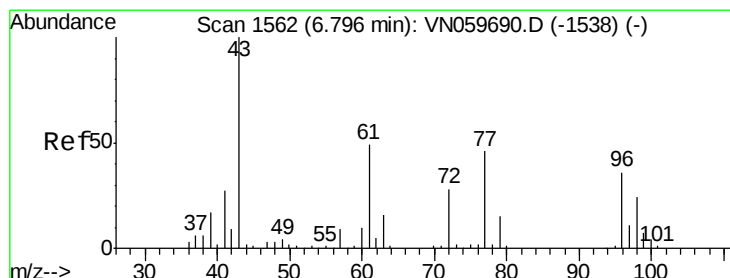
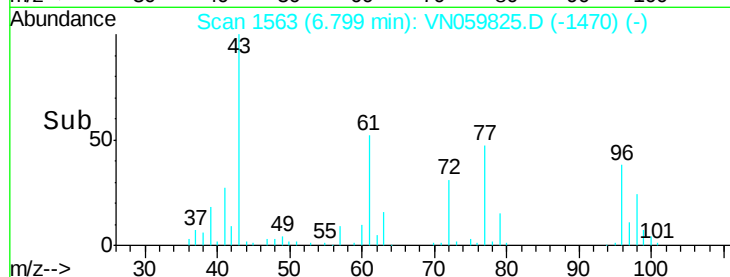
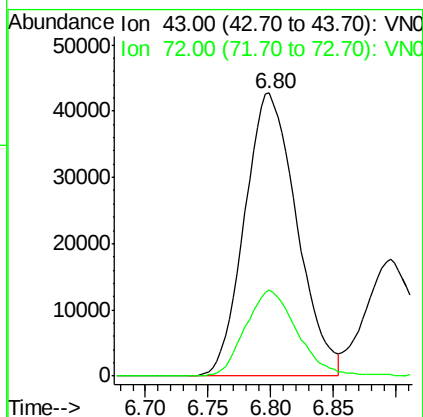
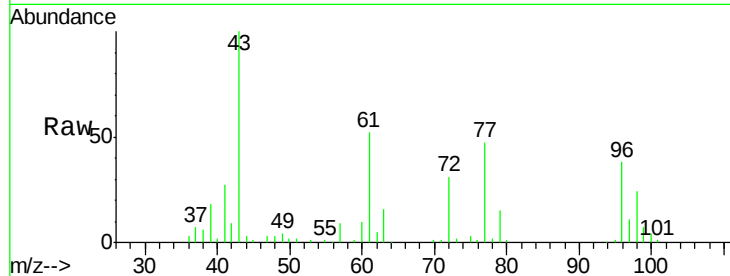




#25
2-Butanone
Concen: 94.98 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

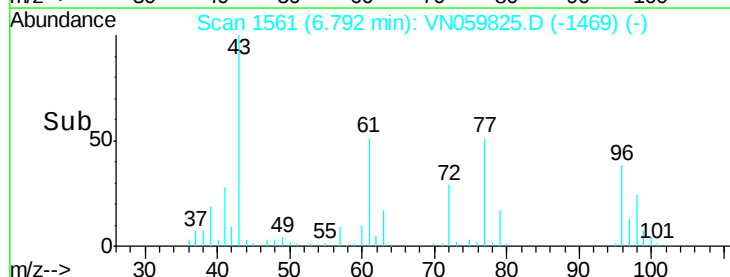
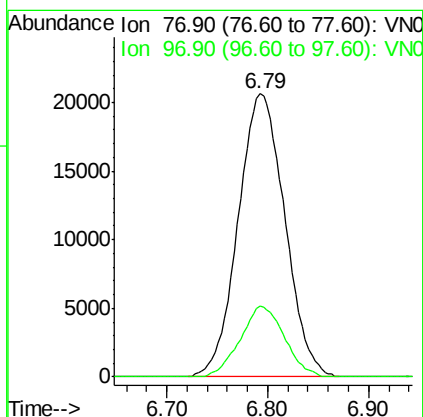
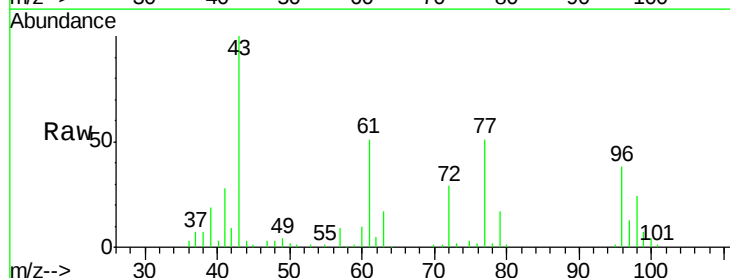
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

Tgt Ion: 43 Resp: 123903
Ion Ratio Lower Upper
43 100
72 30.6 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 19.46 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 77 Resp: 66255
Ion Ratio Lower Upper
77 100
97 23.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.82 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

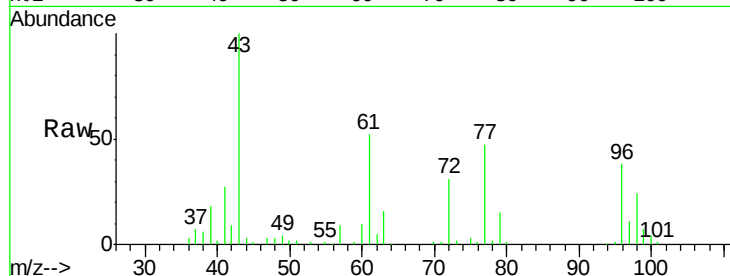
Tgt Ion: 96 Resp: 45977

Ion Ratio Lower Upper

96 100

61 137.3 0.0 317.6

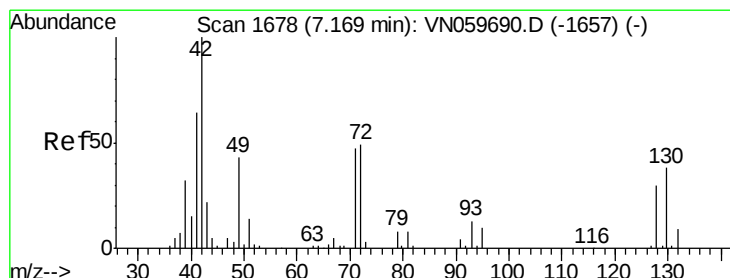
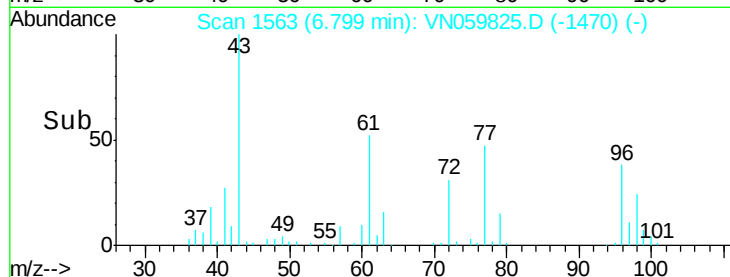
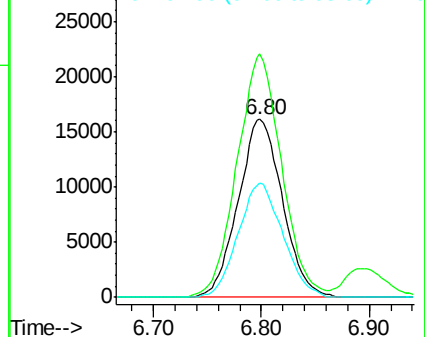
98 64.6 0.0 127.0



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: 20.90 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

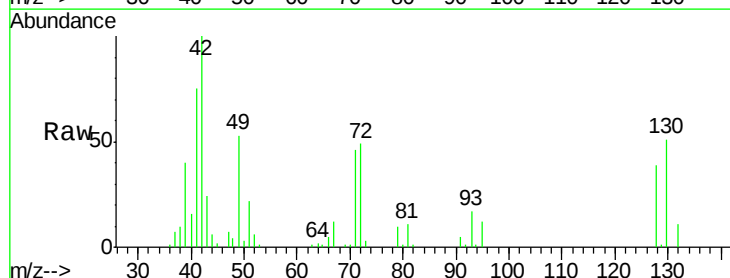
Tgt Ion: 49 Resp: 29590

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.4

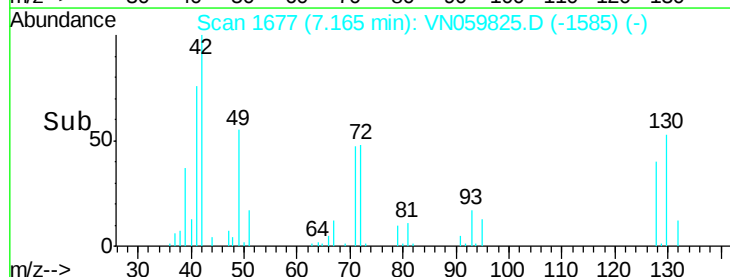
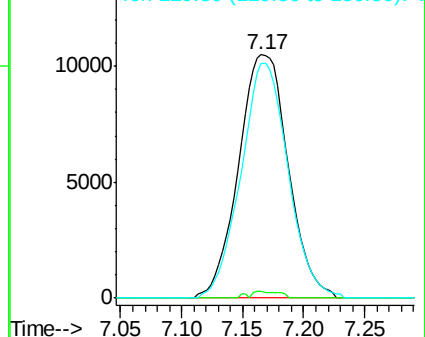
130 91.8 54.7 82.1#



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

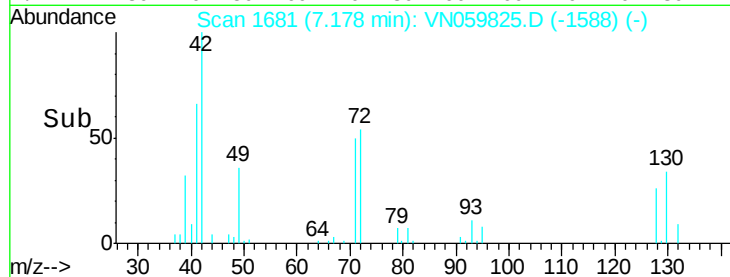
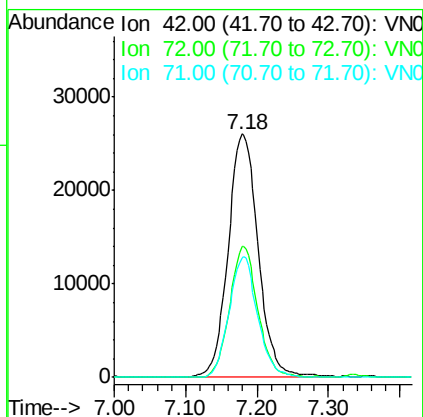
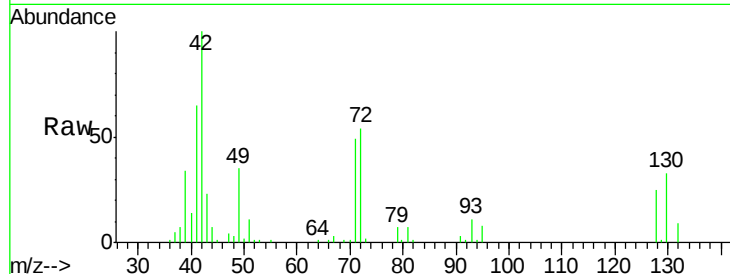




#29
Tetrahydrofuran
Concen: 94.97 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

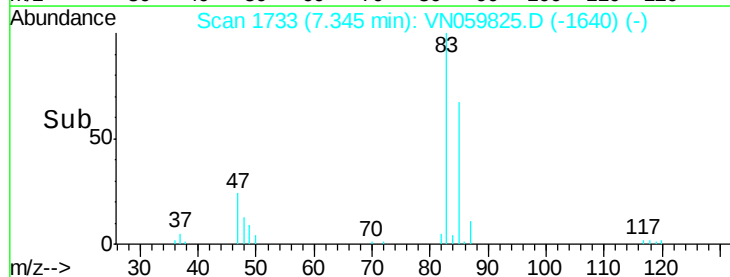
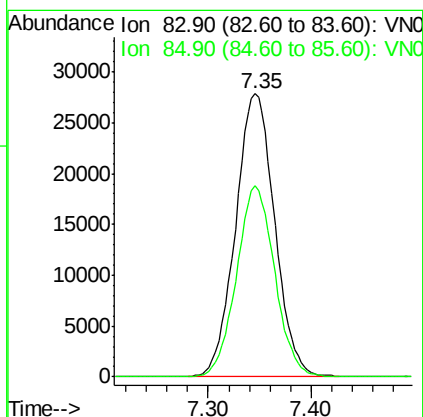
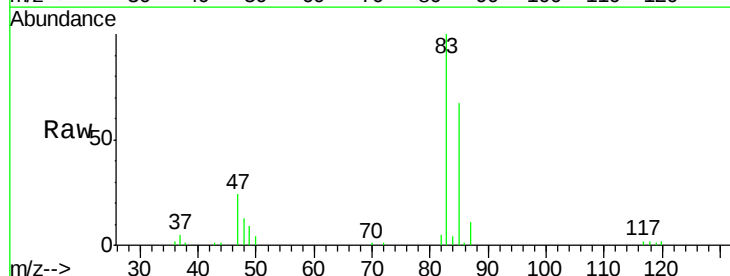
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

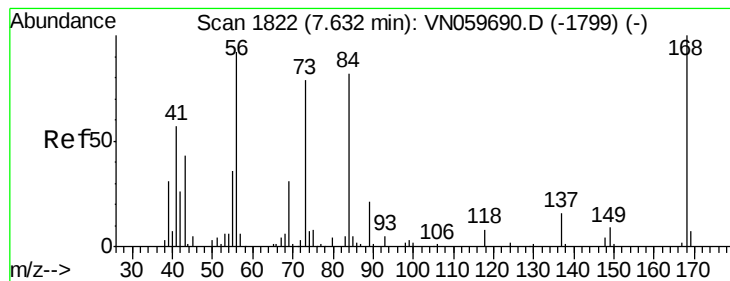
Tgt Ion: 42 Resp: 76650
Ion Ratio Lower Upper
42 100
72 50.2 33.1 49.7#
71 46.7 31.4 47.0



#30
Chloroform
Concen: 20.02 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 83 Resp: 73482
Ion Ratio Lower Upper
83 100
85 67.5 52.4 78.6





#31

Cyclohexane

Concen: 18.04 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

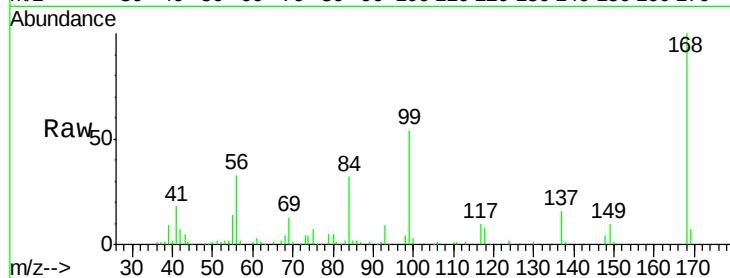
Tgt Ion: 56 Resp: 61495

Ion Ratio Lower Upper

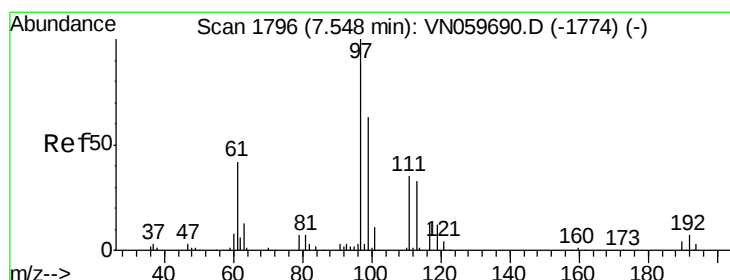
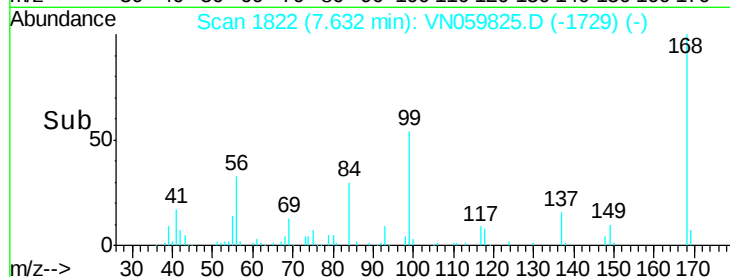
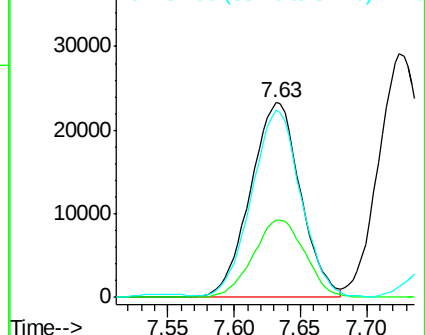
56 100

69 39.6 26.5 39.7

84 95.0 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: 19.92 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

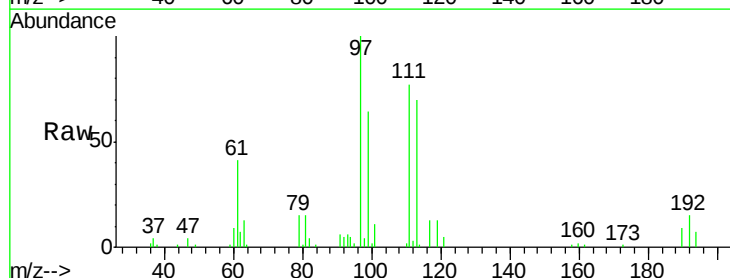
Tgt Ion: 97 Resp: 67605

Ion Ratio Lower Upper

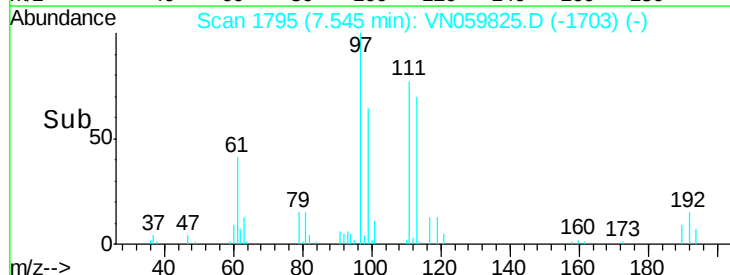
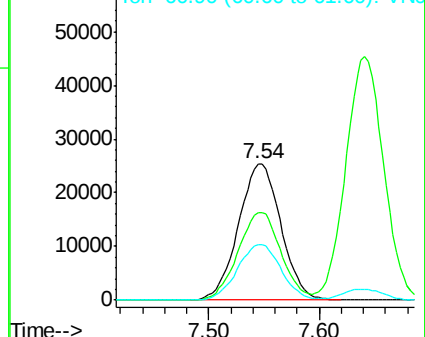
97 100

99 65.1 51.0 76.4

61 41.9 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

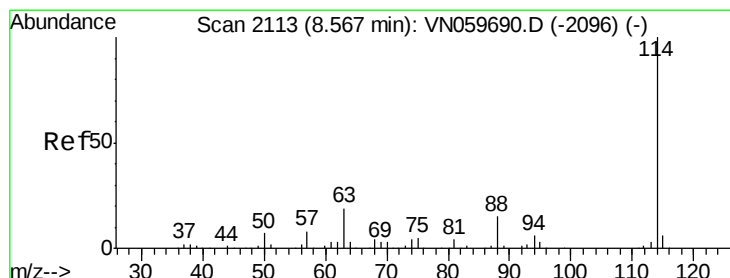
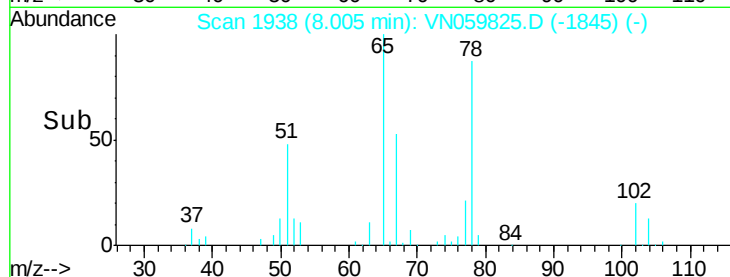
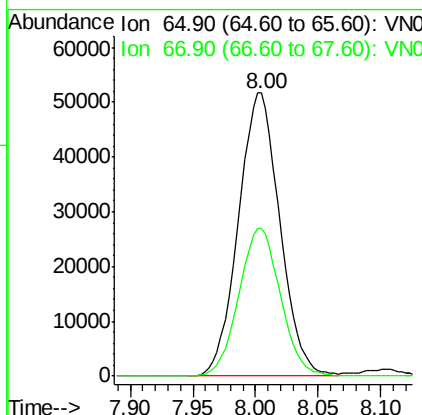
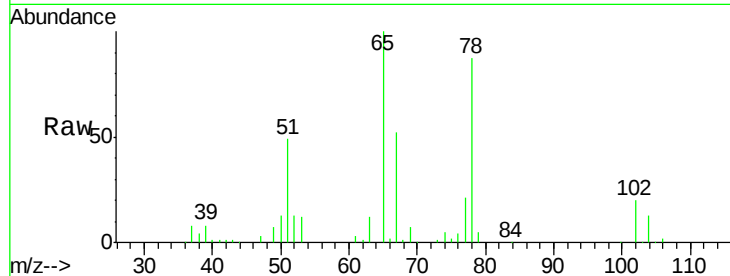




#33
 1,2-Dichloroethane-d4
 Concen: 51.64 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

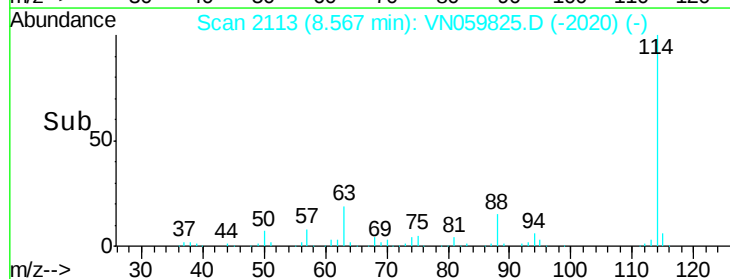
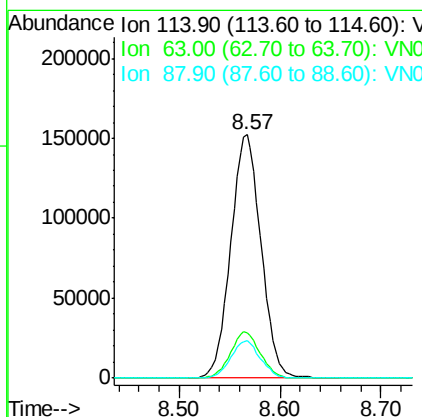
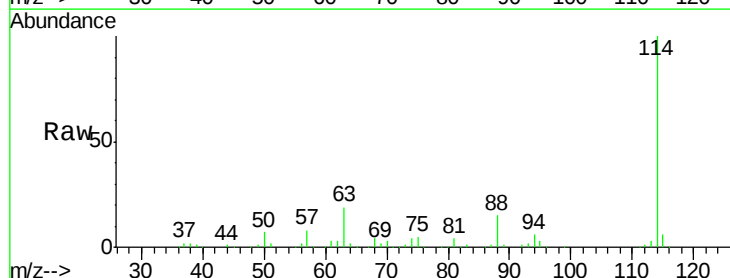
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

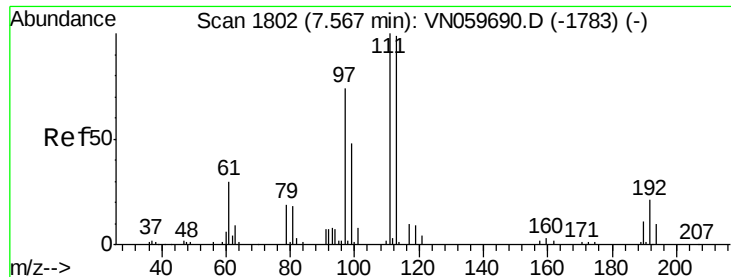
Tgt Ion: 65 Resp: 118945
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion: 114 Resp: 317323
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.6
 88 15.2 0.0 31.4

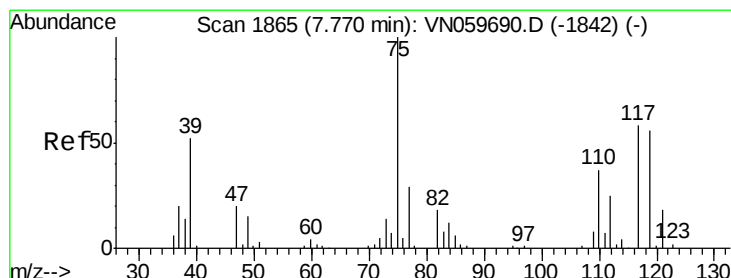
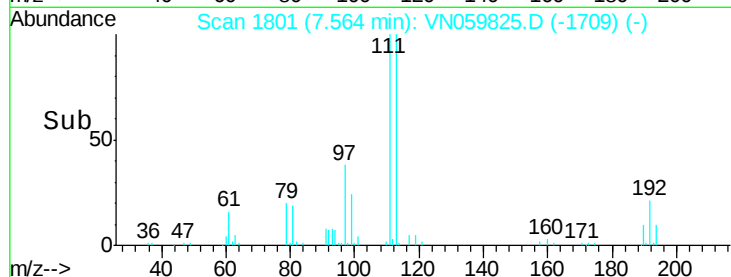
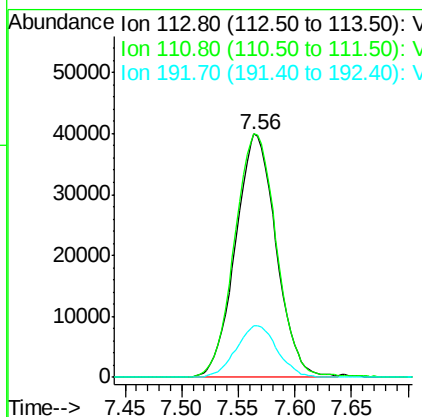
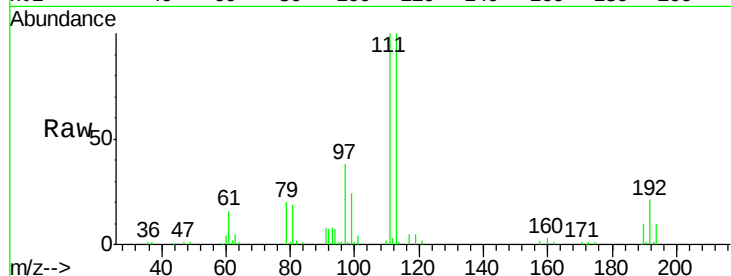




#35
 Dibromofluoromethane
 Concen: 52.73 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

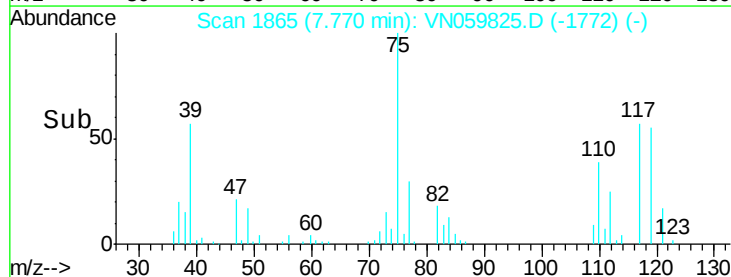
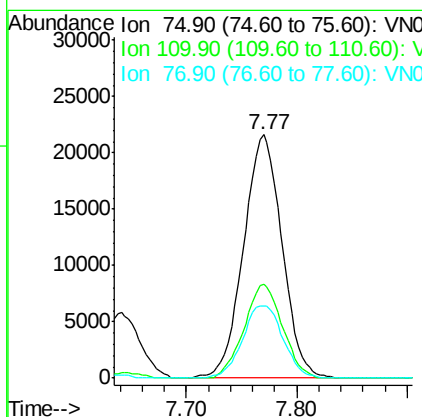
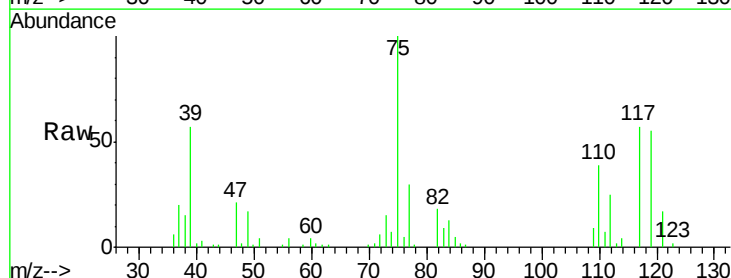
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Tgt Ion:113 Resp: 99782
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.5 125.3
 192 21.4 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 18.92 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion: 75 Resp: 52278
 Ion Ratio Lower Upper
 75 100
 110 38.3 16.6 49.7
 77 31.3 25.1 37.7

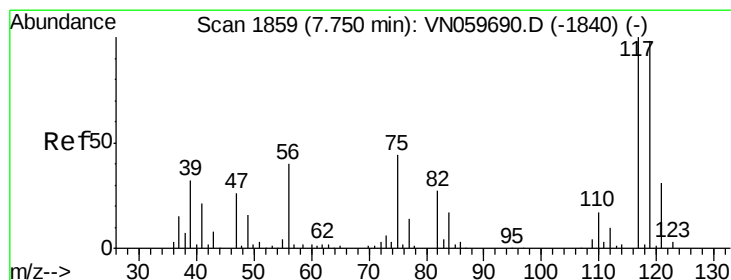
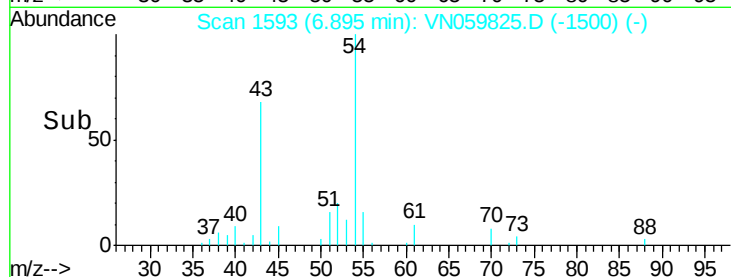
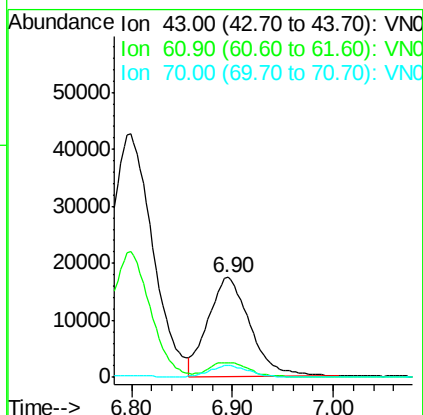
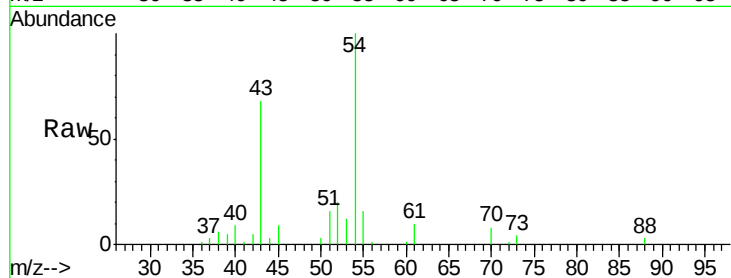




#37
Ethyl Acetate
Concen: 19.41 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

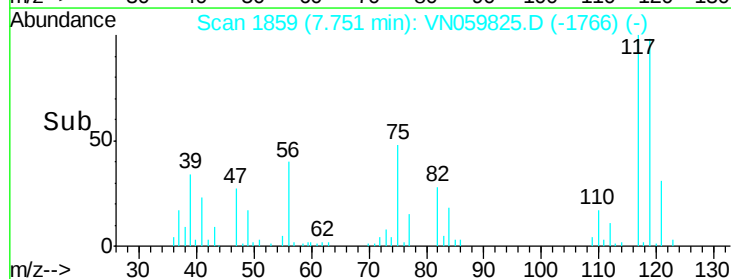
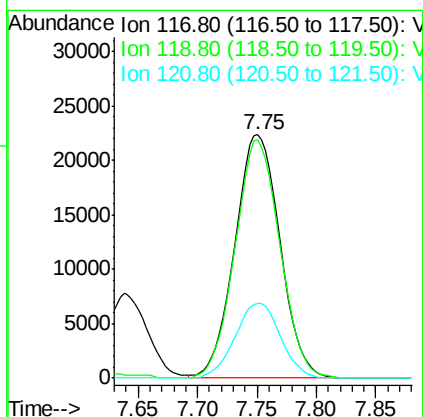
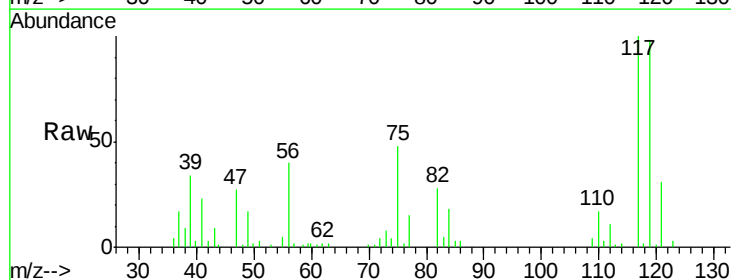
Instrument :
MSVOA_N
ClientSampled :
VN0122MBS01

Tgt Ion: 43 Resp: 50309
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 11.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.58 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 117 Resp: 58871
Ion Ratio Lower Upper
117 100
119 98.0 76.5 114.7
121 30.9 25.1 37.7

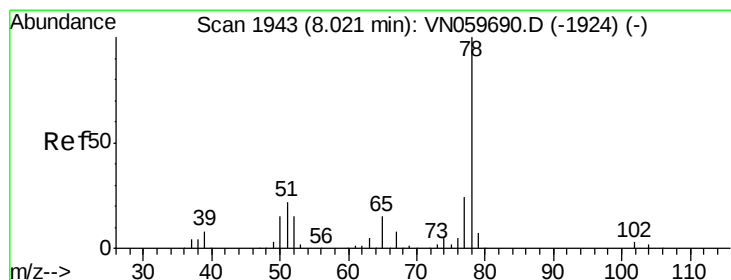
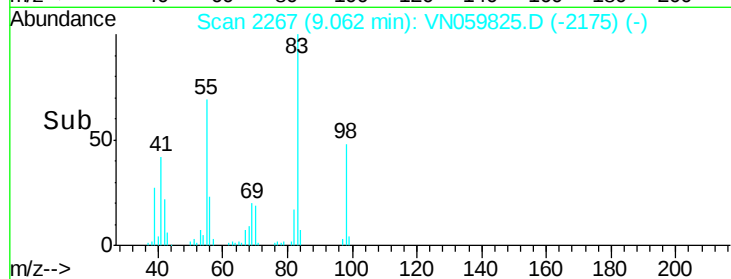
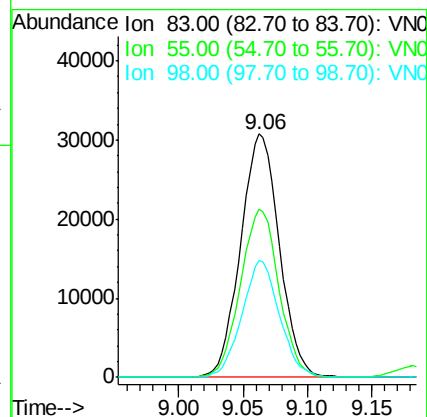
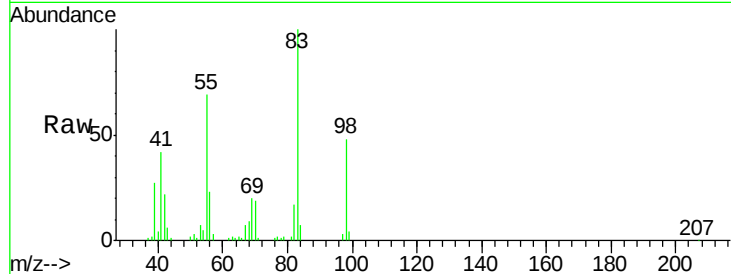




#39
Methylcyclohexane
Concen: 18.90 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

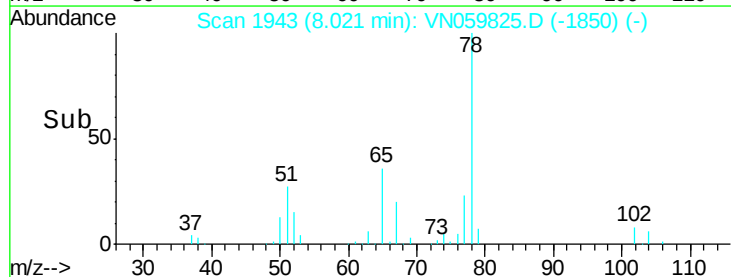
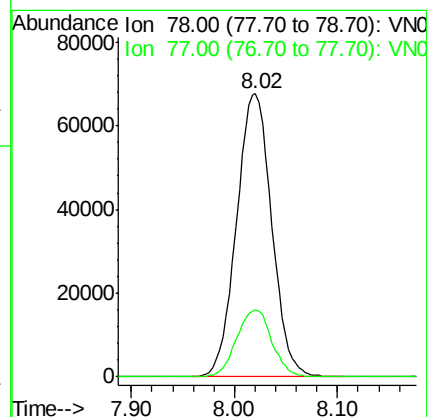
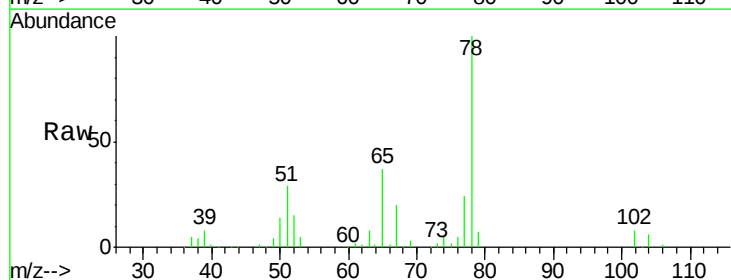
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

Tgt Ion: 83 Resp: 64403
Ion Ratio Lower Upper
83 100
55 68.8 64.2 96.2
98 48.1 35.9 53.9



#40
Benzene
Concen: 19.50 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 78 Resp: 160688
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

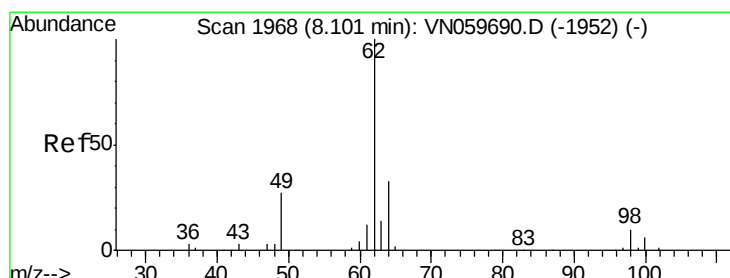
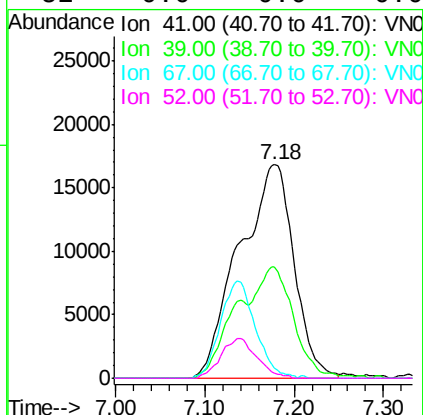
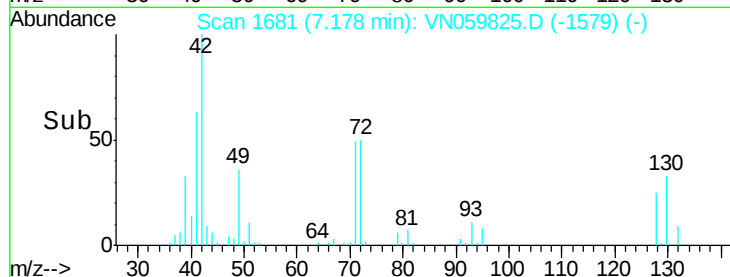
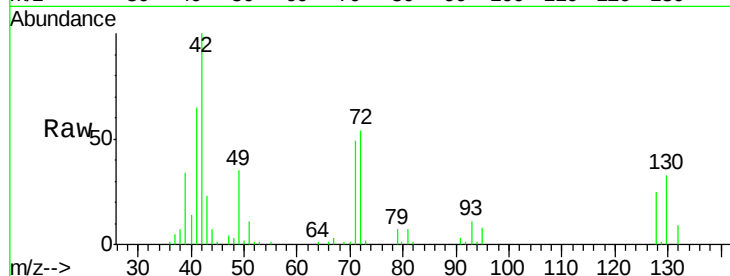




#41
Methacrylonitrile
Concen: 56.24 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

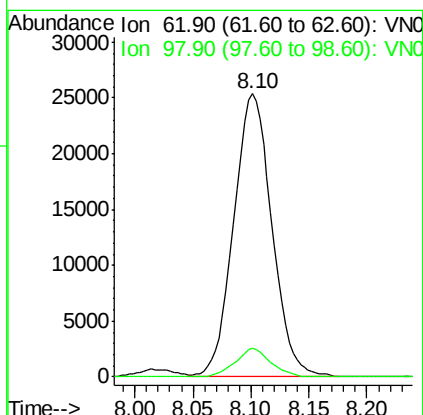
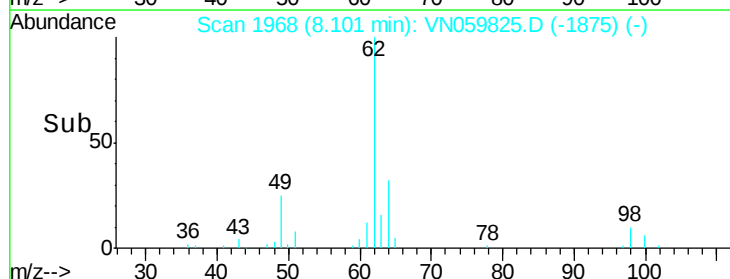
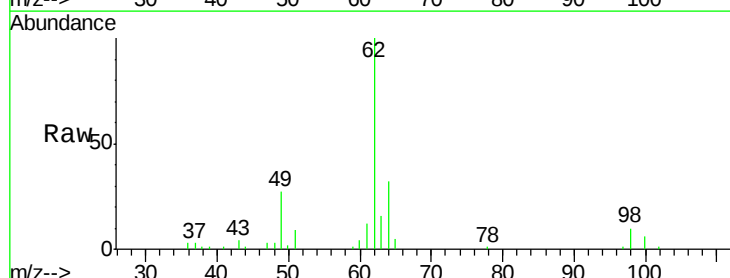
Instrument :
MSVOA_N
ClientSampled :
VN0122MBS01

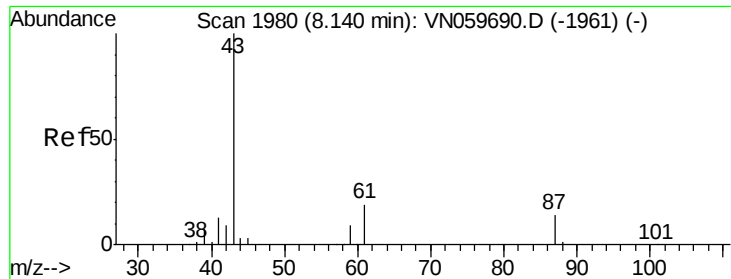
Tgt Ion:	41	Resp:	71800
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.79 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion:	62	Resp:	58087
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.12 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

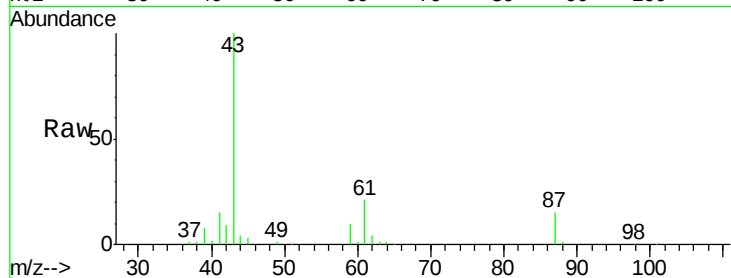
Tgt Ion: 43 Resp: 85236

Ion Ratio Lower Upper

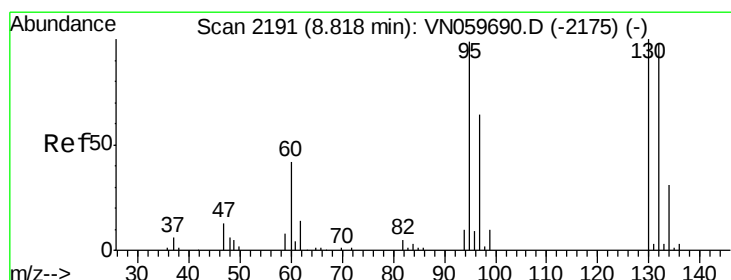
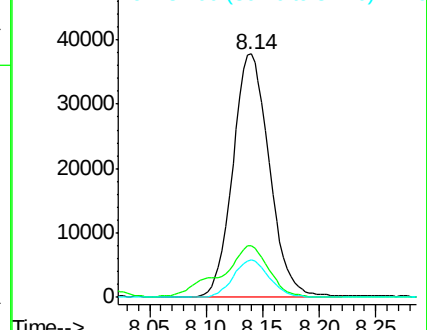
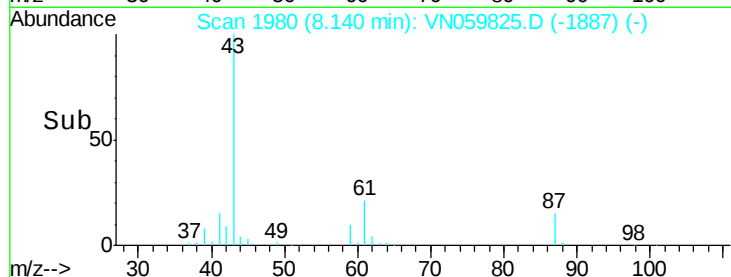
43 100

61 21.4 20.2 30.2

87 14.9 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059825.D (-1887) (-)



#44

Trichloroethene

Concen: 20.98 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059825.D

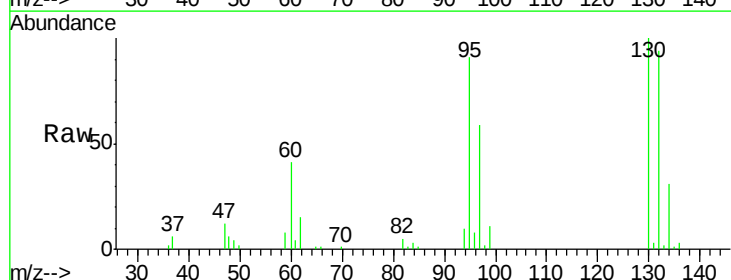
Acq: 22 Jan 2020 12:26

Tgt Ion: 130 Resp: 47203

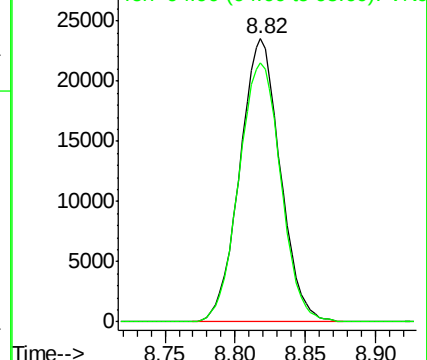
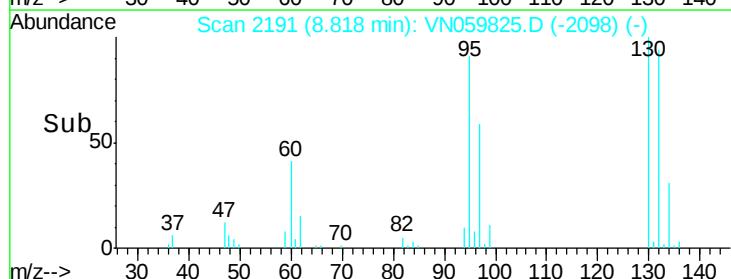
Ion Ratio Lower Upper

130 100

95 91.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059825.D (-2098) (-)

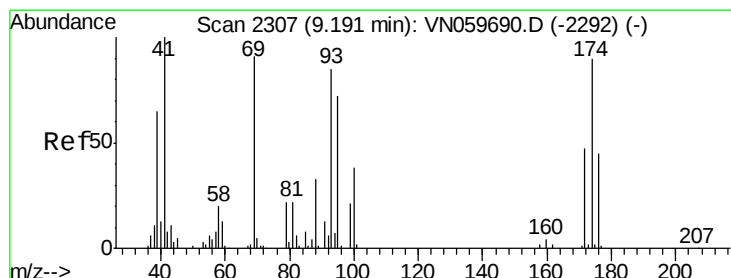
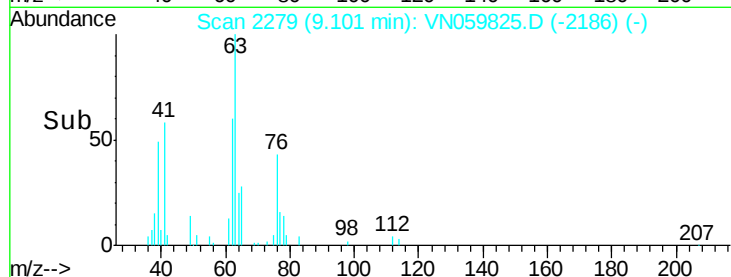
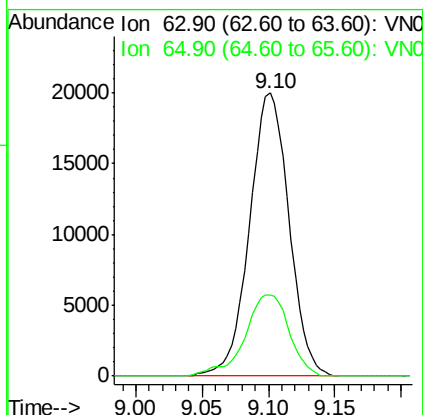
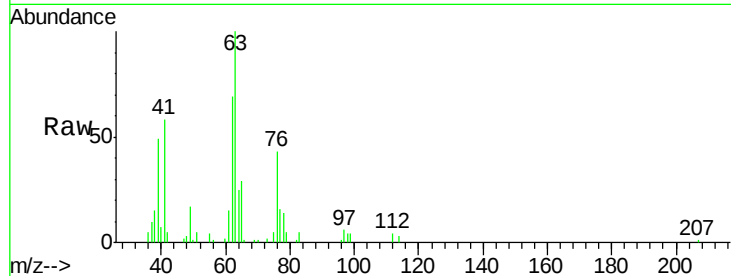




#45
 1,2-Dichloropropane
 Concen: 20.29 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

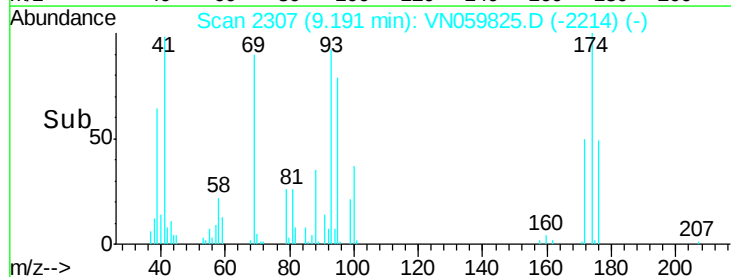
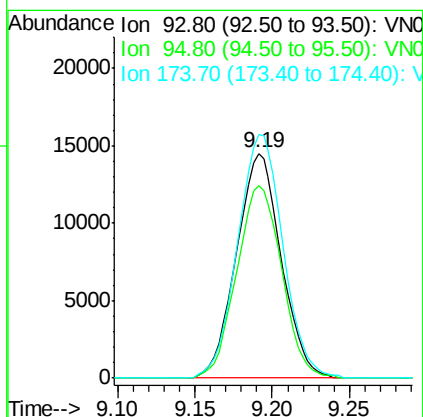
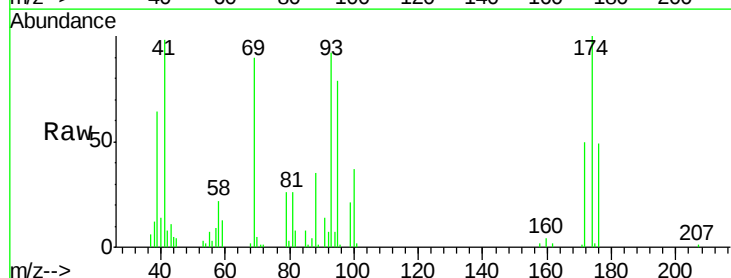
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Tgt Ion: 63 Resp: 41375
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.9 37.3



#46
 Dibromomethane
 Concen: 20.28 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion: 93 Resp: 29178
 Ion Ratio Lower Upper
 93 100
 95 86.0 67.0 100.6
 174 110.0 73.4 110.2

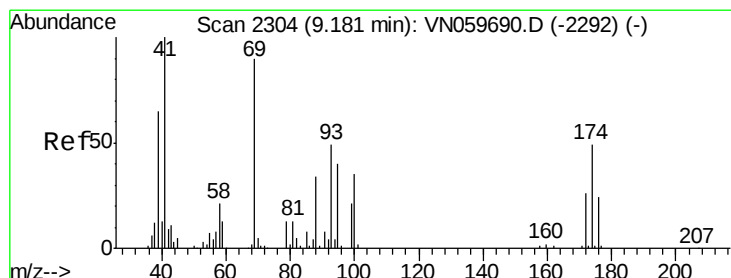
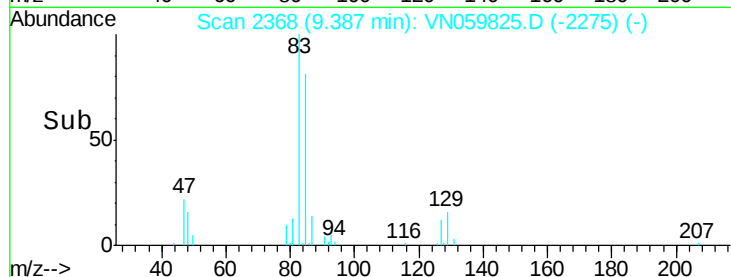
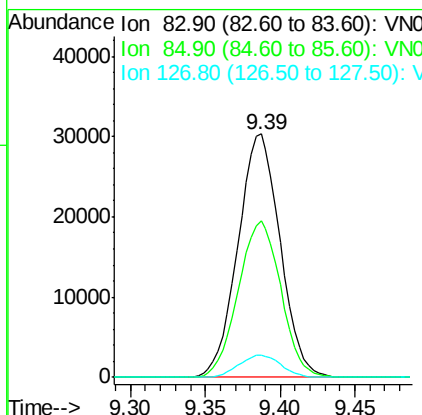
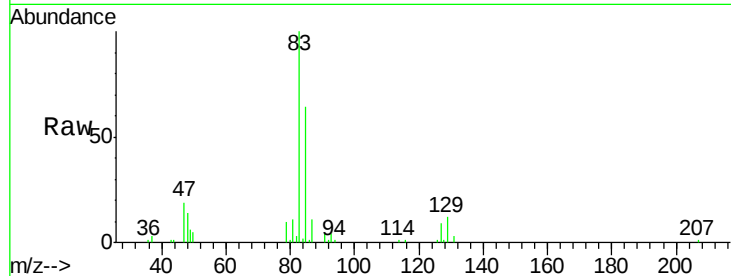




#47
Bromodichloromethane
Concen: 20.50 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

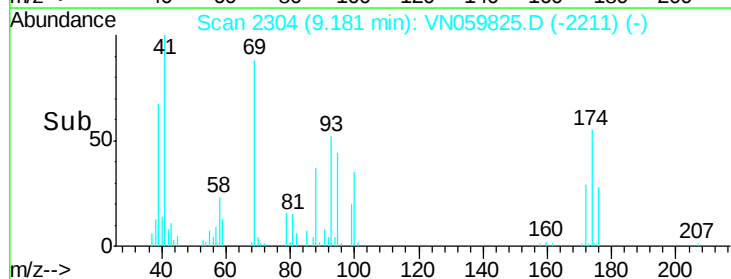
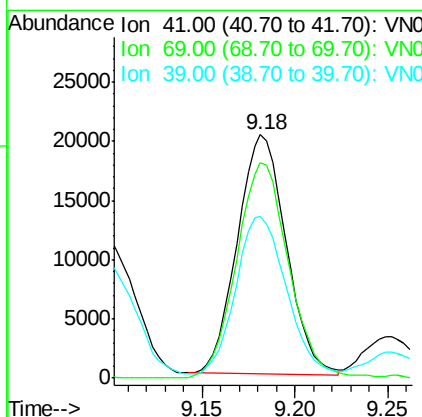
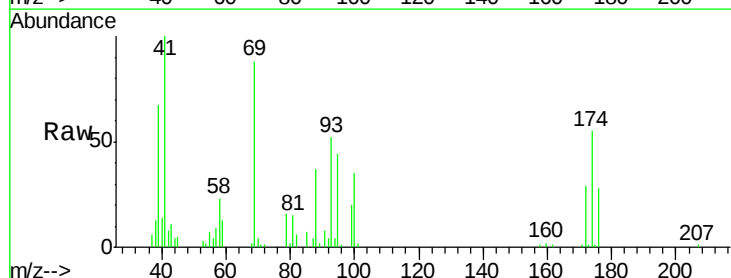
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

Tgt Ion: 83 Resp: 59417
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 9.3 6.6 9.8



#48
Methyl methacrylate
Concen: 18.61 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 41 Resp: 37110
Ion Ratio Lower Upper
41 100
69 95.4 64.4 96.6
39 71.8 51.3 76.9





#49

1,4-Dioxane

Concen: 436.04 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

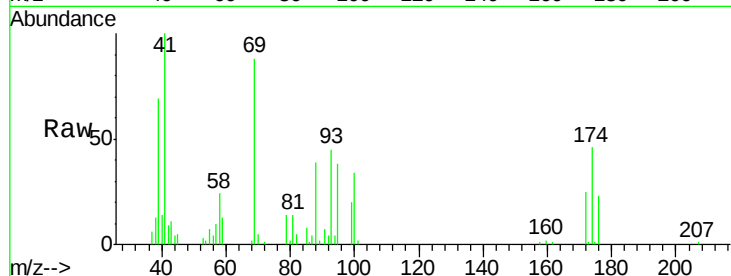
Tgt Ion: 88 Resp: 15917

Ion Ratio Lower Upper

88 100

43 30.6 29.7 44.5

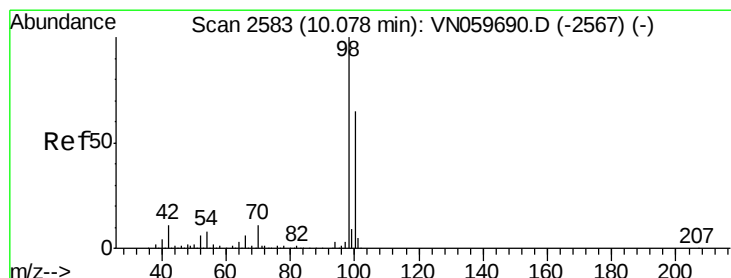
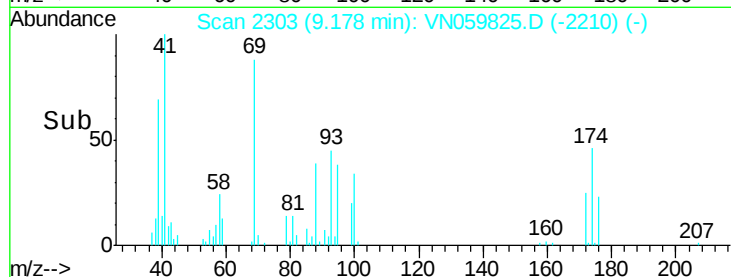
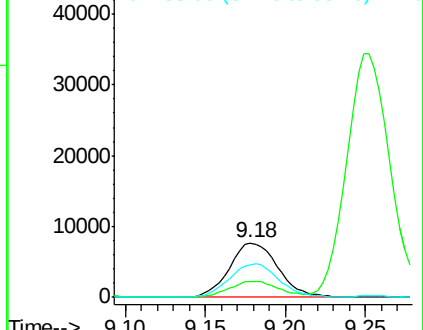
58 62.3 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VN059825.D (-2210) (-)

Ion 43.00 (42.70 to 43.70): VN059825.D (-2210) (-)

Ion 58.00 (57.70 to 58.70): VN059825.D (-2210) (-)



#50

Toluene-d8

Concen: 51.76 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059825.D

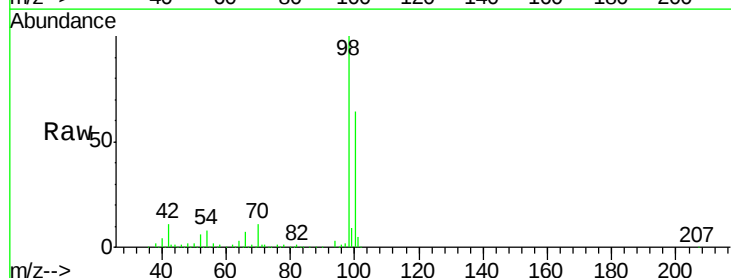
Acq: 22 Jan 2020 12:26

Tgt Ion: 98 Resp: 379526

Ion Ratio Lower Upper

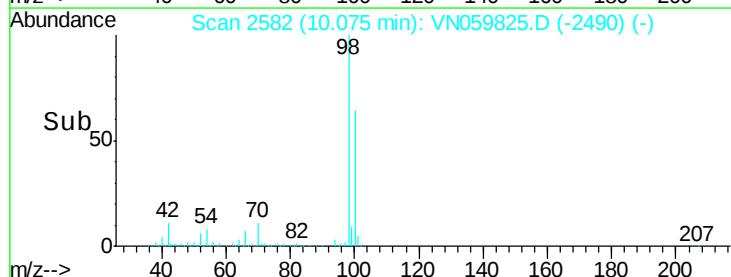
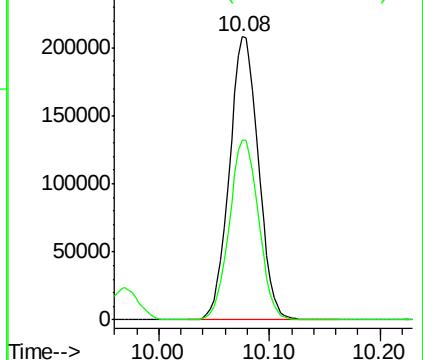
98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059825.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059825.D (-2490) (-)

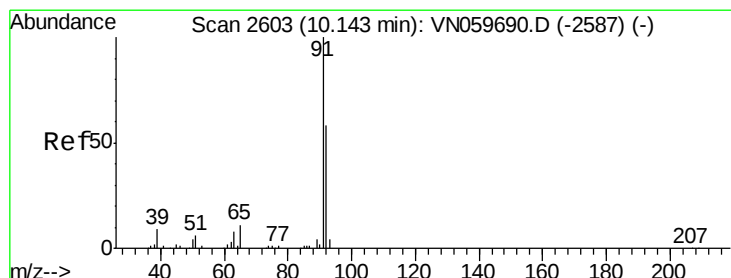
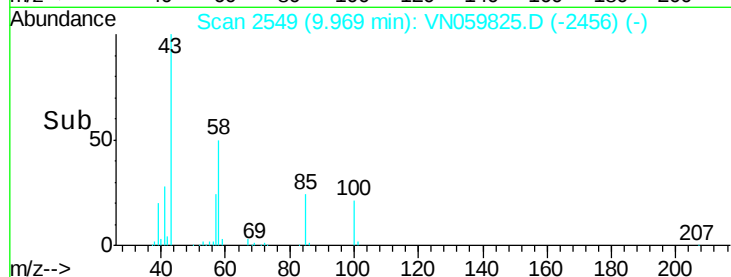
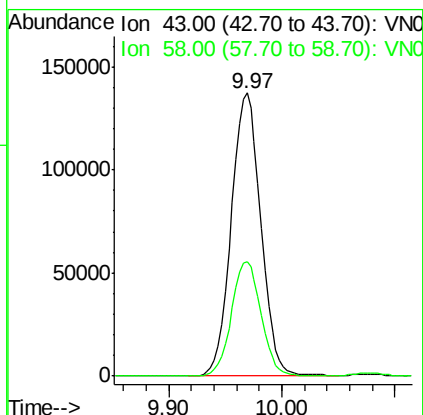
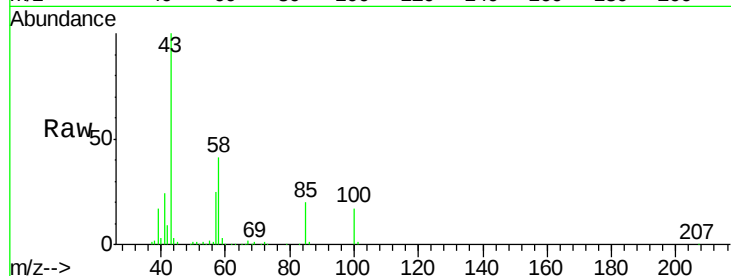




#51
 4-Methyl-2-Pentanone
 Concen: 96.96 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

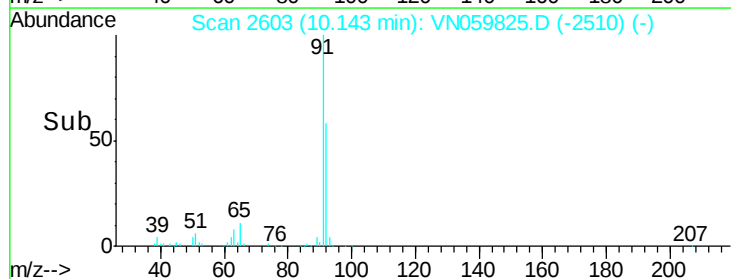
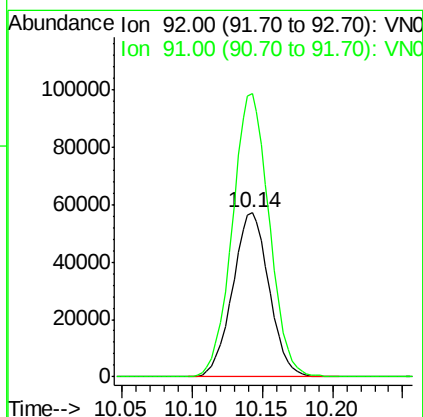
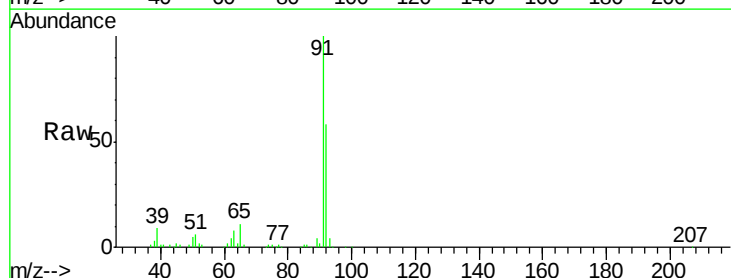
Instrument :
 MSVOA_N
 ClientSampled :
 VN0122MBS01

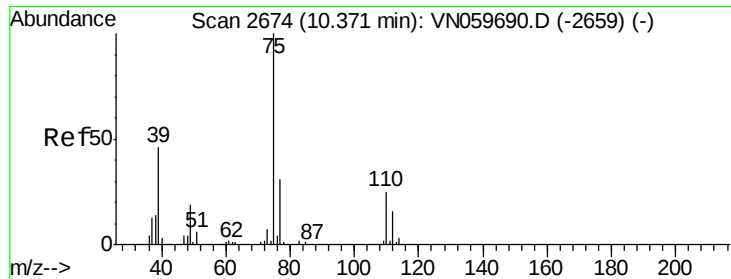
Tgt Ion: 43 Resp: 249864
 Ion Ratio Lower Upper
 43 100
 58 40.4 29.8 44.8



#52
 Toluene
 Concen: 19.90 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion: 92 Resp: 103589
 Ion Ratio Lower Upper
 92 100
 91 173.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.18 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

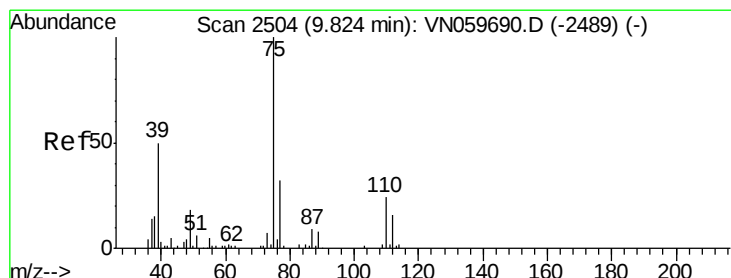
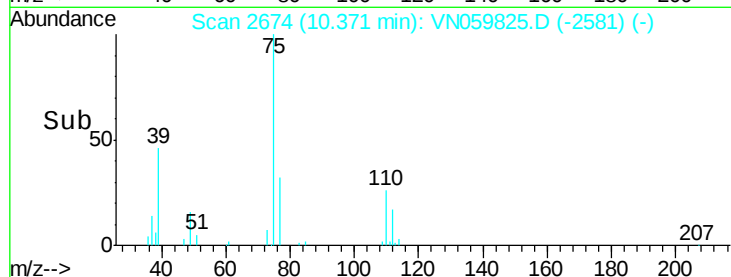
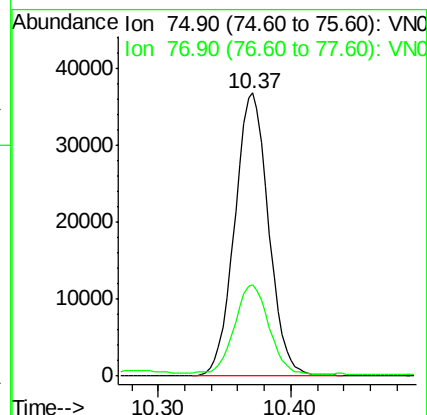
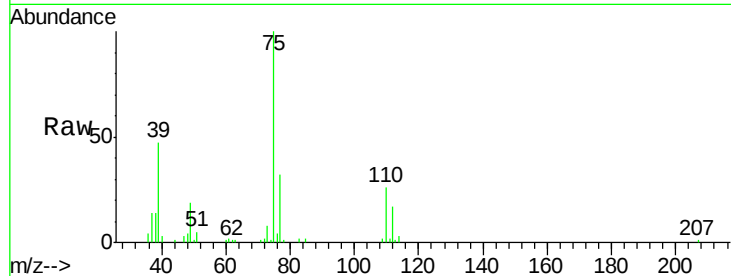
VN0122MBS01

Tgt Ion: 75 Resp: 65335

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.50 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

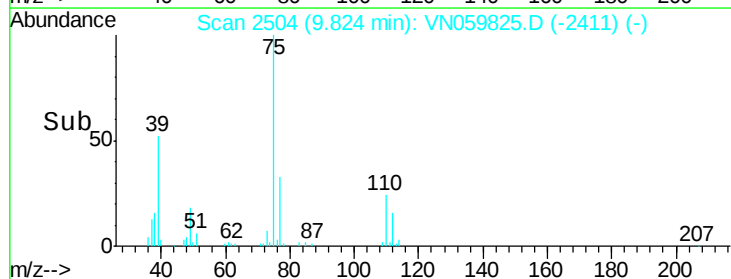
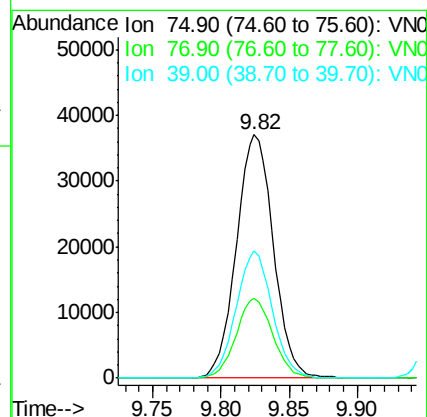
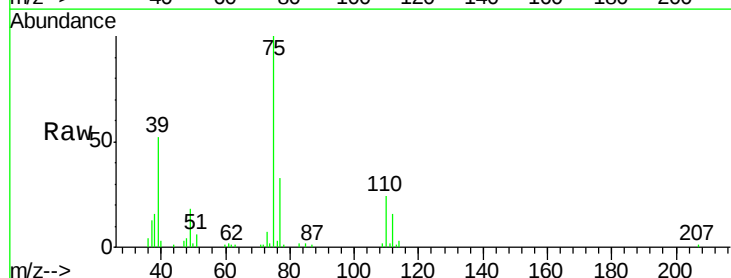
Tgt Ion: 75 Resp: 69823

Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7

39 52.0 46.1 69.1

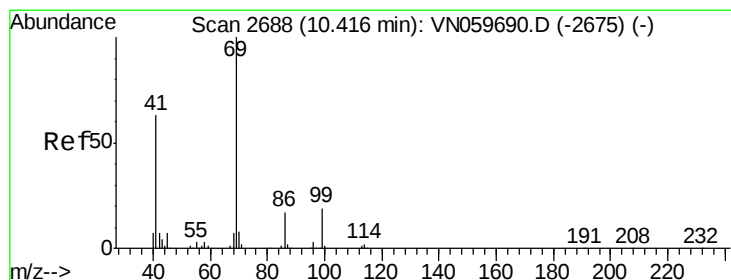
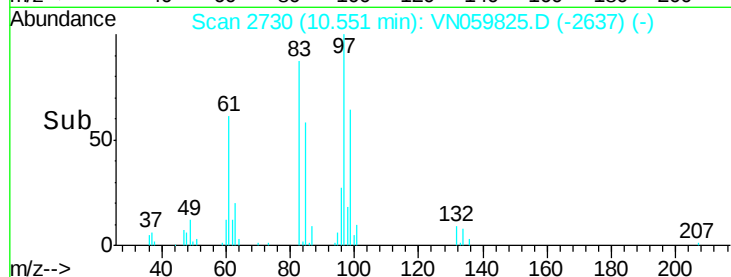
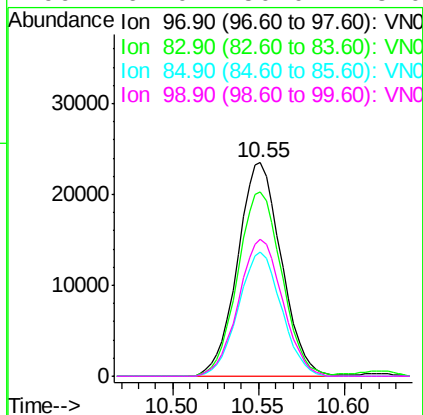
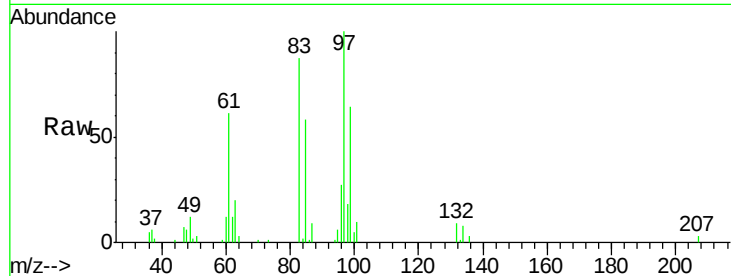




#55
 1,1,2-Trichloroethane
 Concen: 20.12 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

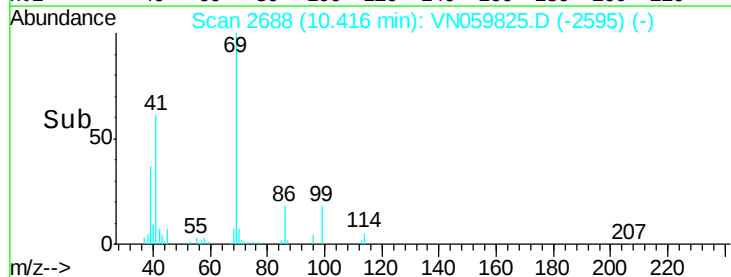
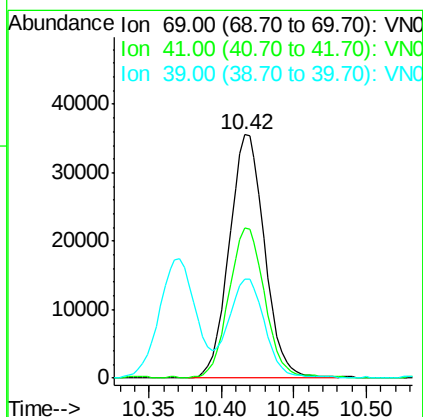
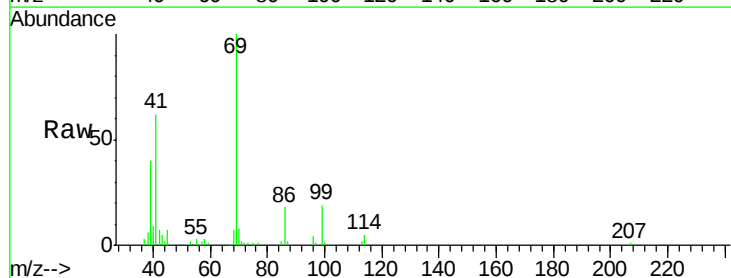
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Tgt Ion: 97 Resp: 41472
 Ion Ratio Lower Upper
 97 100
 83 86.6 71.3 106.9
 85 58.0 45.8 68.8
 99 64.0 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 19.10 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion: 69 Resp: 60163
 Ion Ratio Lower Upper
 69 100
 41 63.1 57.1 85.7
 39 40.6 34.7 52.1





#57

1,3-Dichloropropane

Concen: 21.32 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

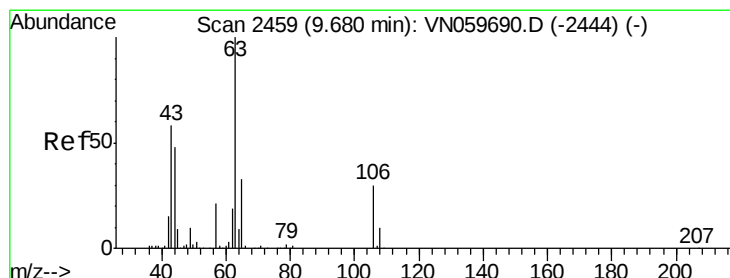
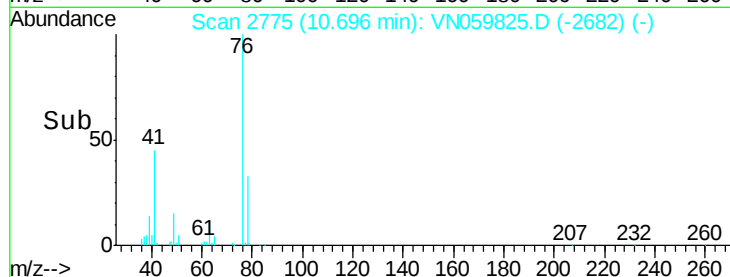
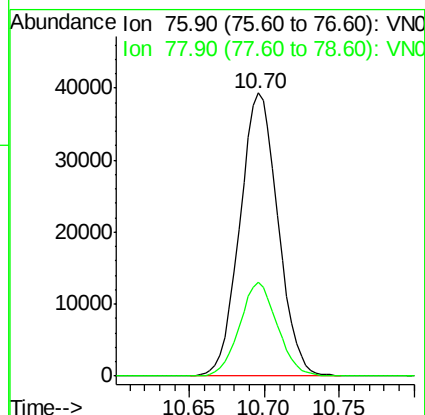
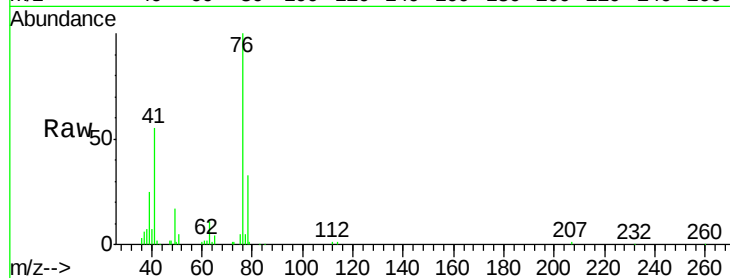
VN0122MBS01

Tgt Ion: 76 Resp: 69788

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 111.69 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059825.D

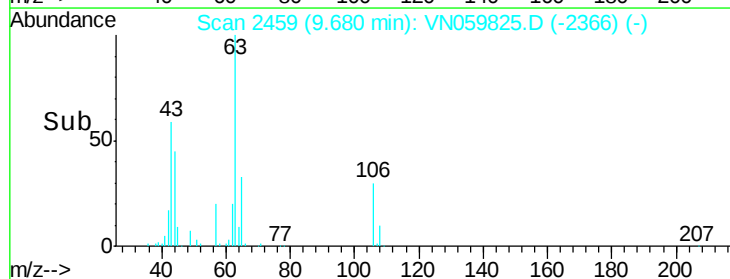
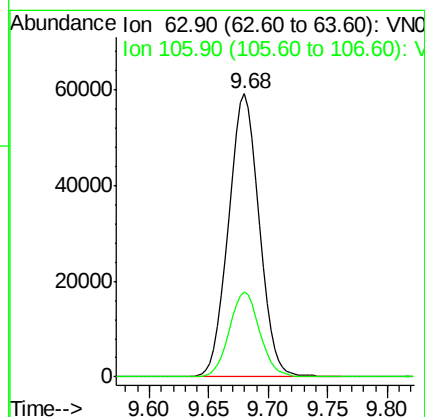
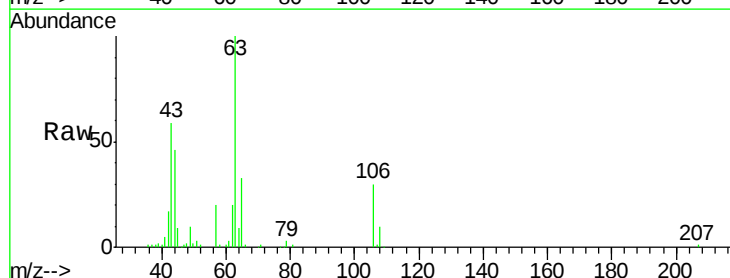
Acq: 22 Jan 2020 12:26

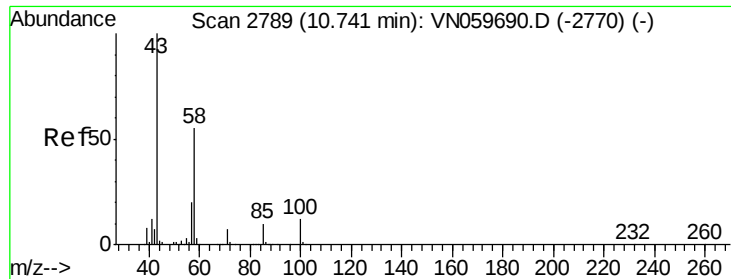
Tgt Ion: 63 Resp: 105985

Ion Ratio Lower Upper

63 100

106 29.5 20.2 30.2

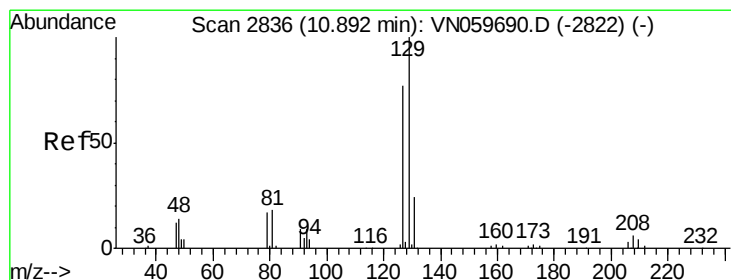
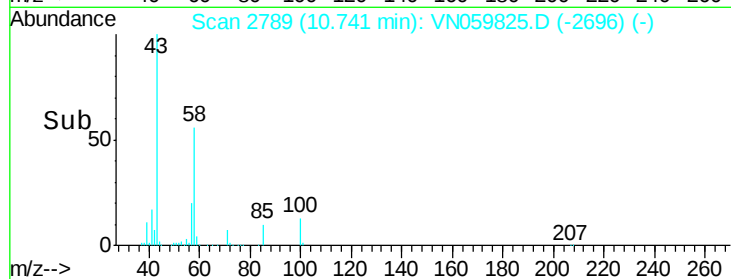
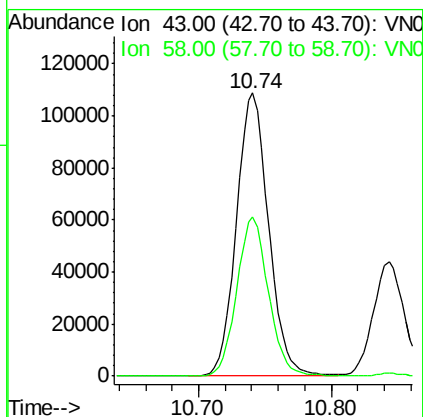
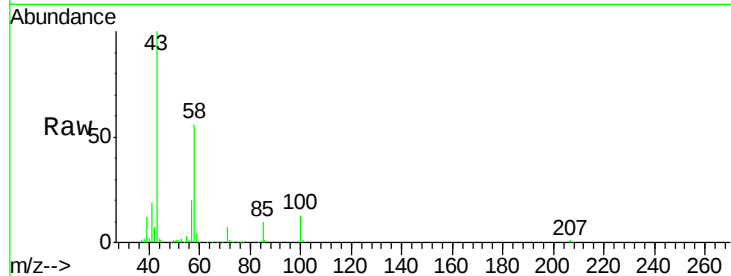




#59
2-Hexanone
Concen: 96.56 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

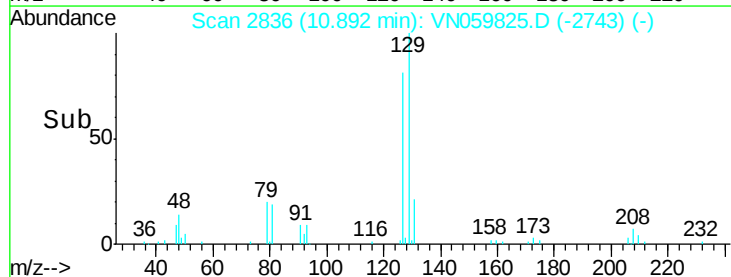
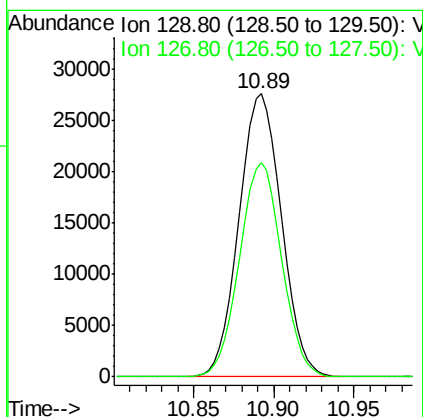
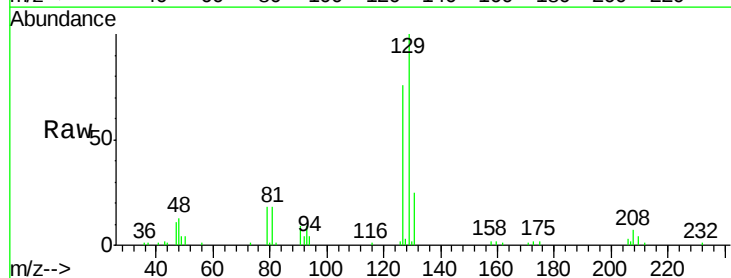
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

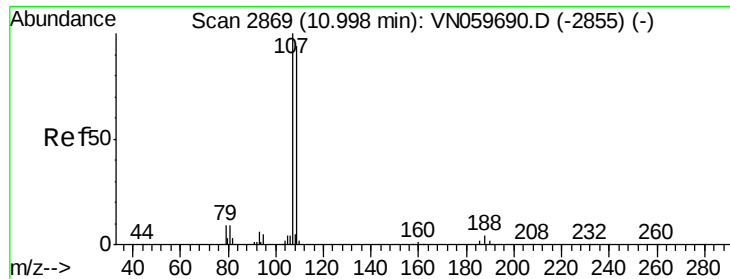
Tgt Ion: 43 Resp: 183326
Ion Ratio Lower Upper
43 100
58 55.3 25.8 77.3



#60
Dibromochloromethane
Concen: 21.35 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 129 Resp: 50119
Ion Ratio Lower Upper
129 100
127 75.1 38.5 115.5

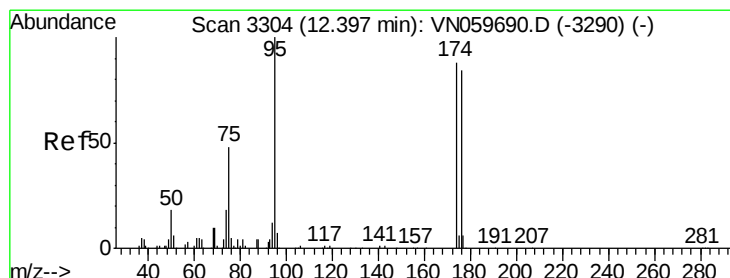
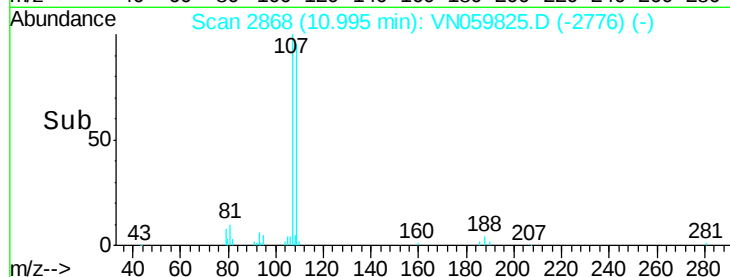
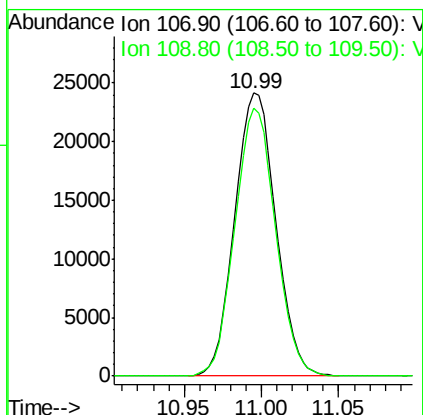
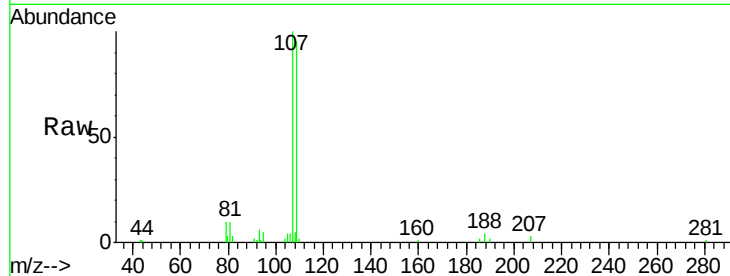




#61
 1,2-Dibromoethane
 Concen: 20.65 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

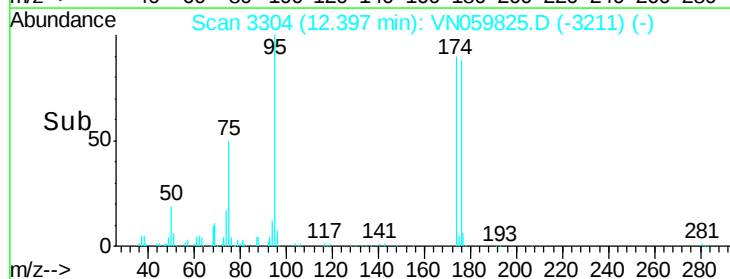
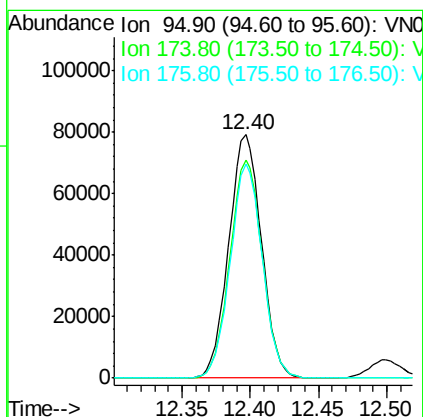
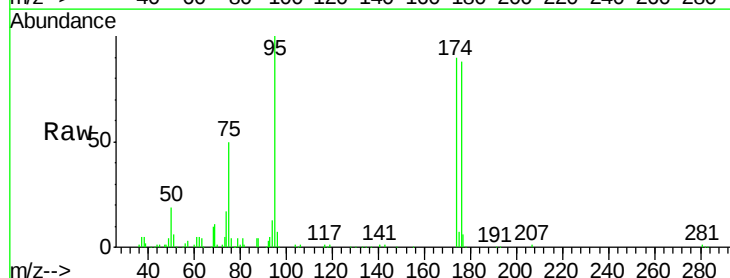
Instrument :
 MSVOA_N
 ClientSampled :
 VN0122MBS01

Tgt Ion: 107 Resp: 44614
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 49.97 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion: 95 Resp: 132075
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 151.4
 176 86.0 0.0 146.0

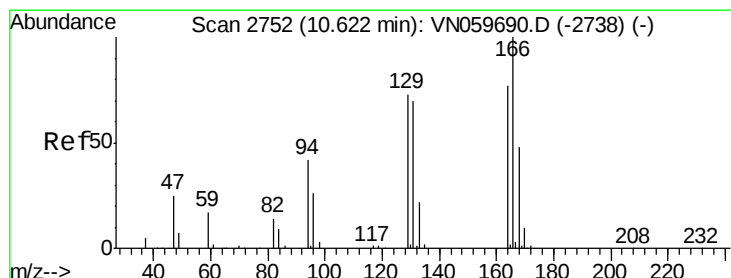
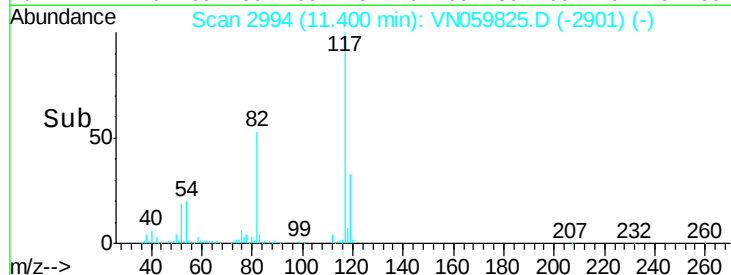
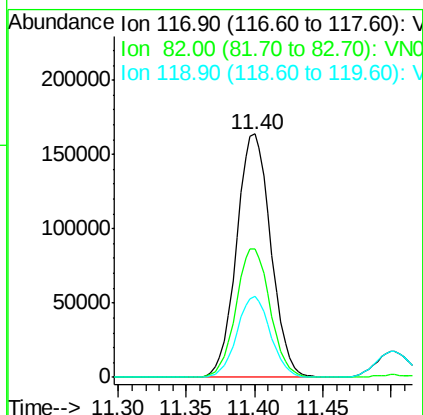
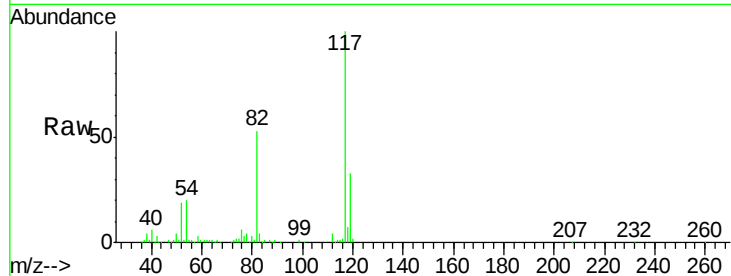




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

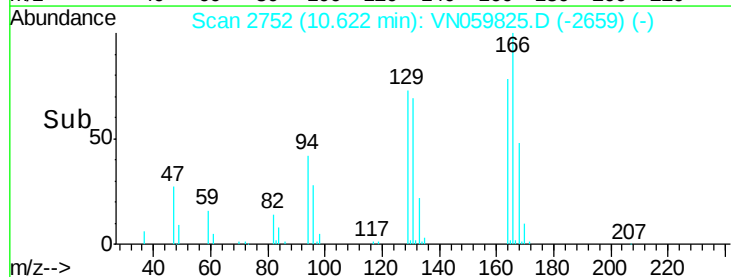
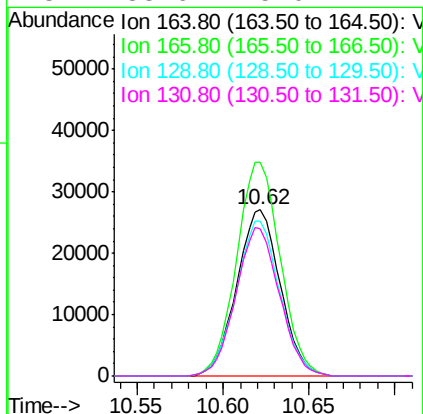
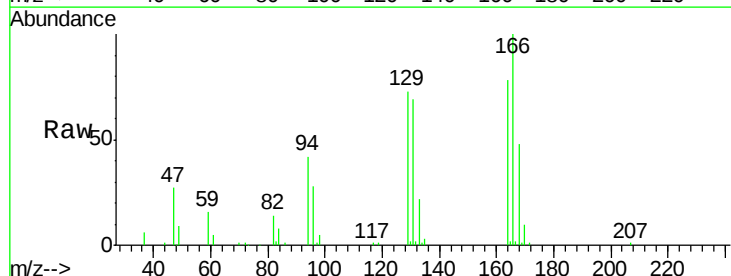
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

Tgt Ion:117 Resp: 285228
Ion Ratio Lower Upper
117 100
82 52.9 45.9 68.9
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.43 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion:164 Resp: 47485
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 93.5 80.2 120.4
131 88.6 75.0 112.4

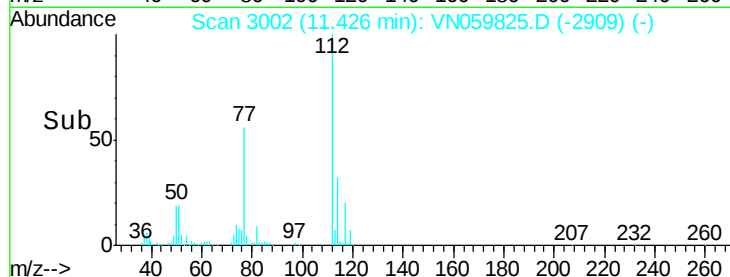
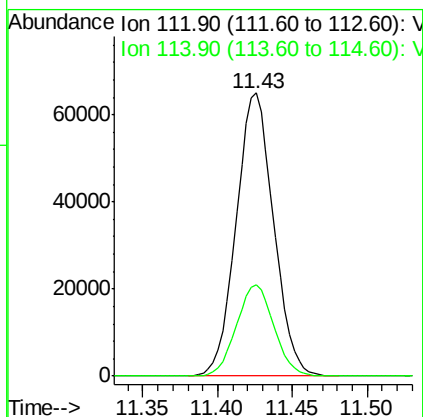
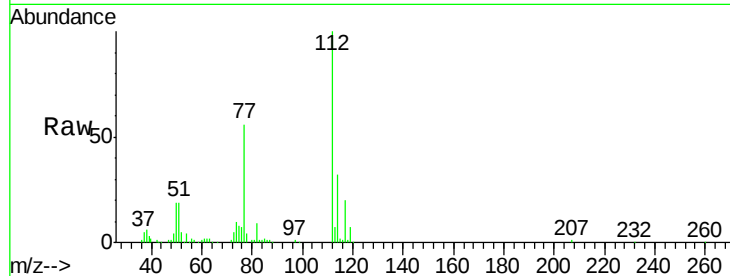




#65
Chlorobenzene
Concen: 20.17 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

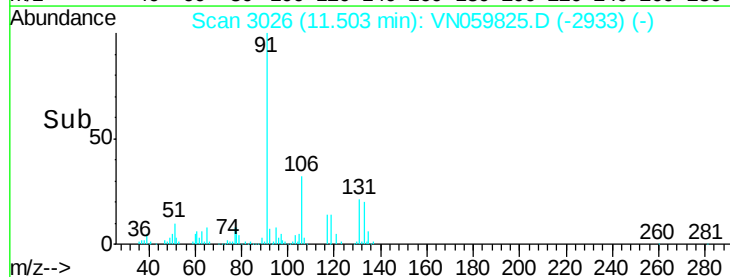
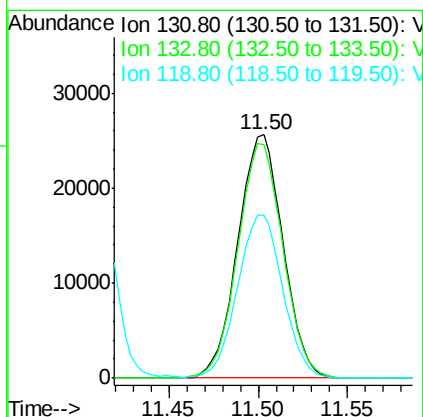
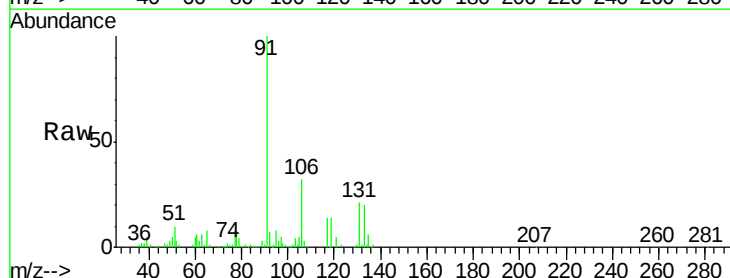
Instrument :
MSVOA_N
ClientSampleId :
VN0122MBS01

Tgt Ion:112 Resp: 113077
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.92 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion:131 Resp: 45320
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.2
119 67.3 33.1 99.3





#67

Ethyl Benzene

Concen: 19.76 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

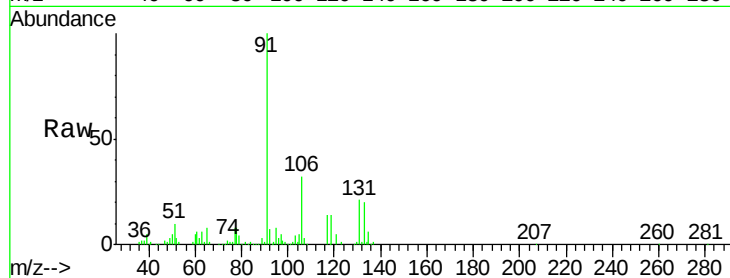
VN0122MBS01

Tgt Ion: 91 Resp: 201150

Ion Ratio Lower Upper

91 100

106 32.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059825.D (-2933) (-)

Ion 106.00 (105.70 to 106.70): VN059825.D (-2933) (-)

150000

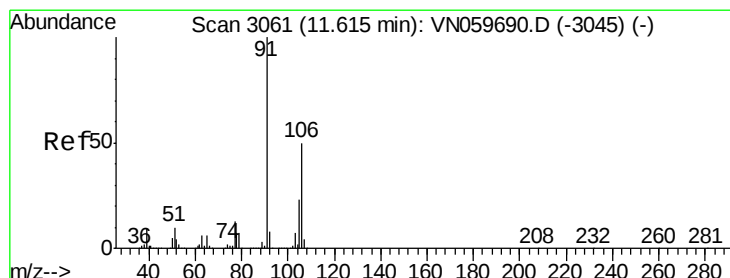
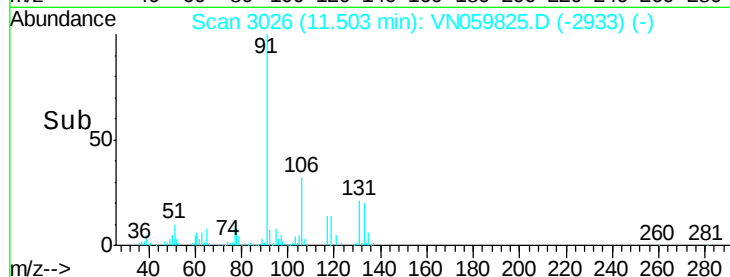
100000

50000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 40.03 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059825.D

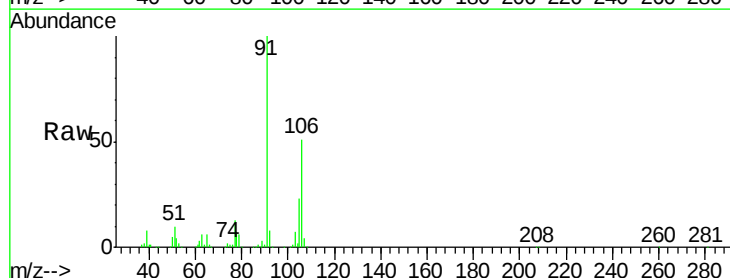
Acq: 22 Jan 2020 12:26

Tgt Ion: 106 Resp: 153887

Ion Ratio Lower Upper

106 100

91 196.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059825.D (-2968) (-)

Ion 91.00 (90.70 to 91.70): VN059825.D (-2968) (-)

150000

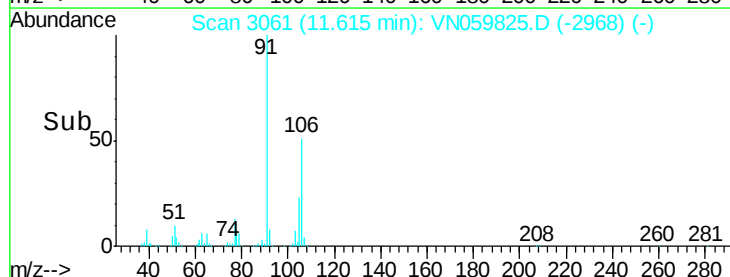
100000

50000

0

11.60 11.62 11.70

Time-->





#69

o-Xylene

Concen: 19.82 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

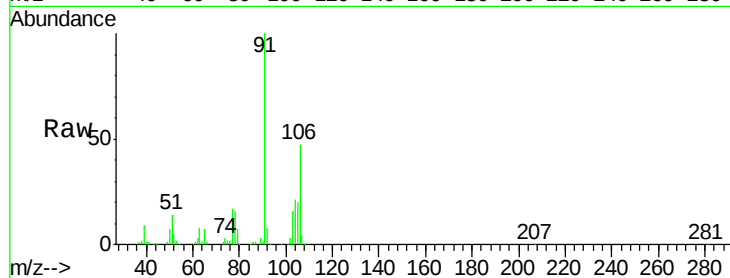
VN0122MBS01

Tgt Ion:106 Resp: 74605

Ion Ratio Lower Upper

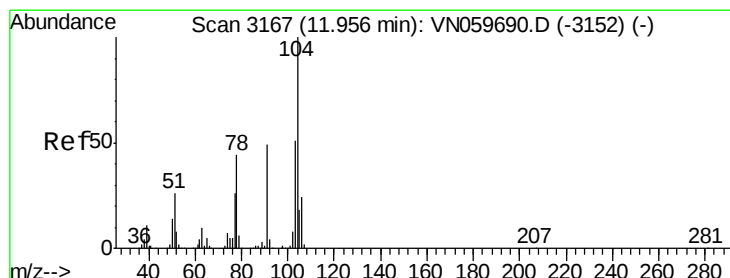
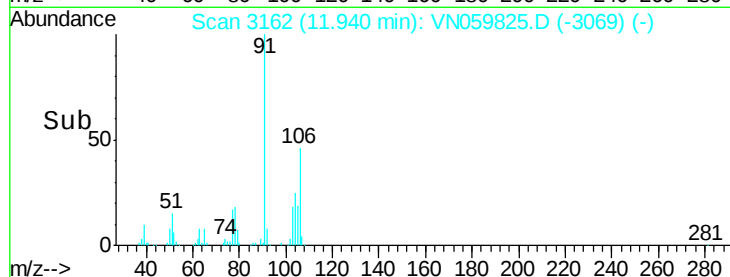
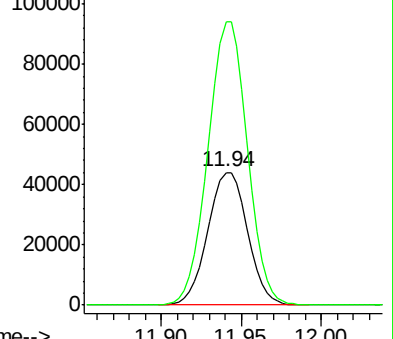
106 100

91 211.1 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 19.11 ug/l

RT: 11.96 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

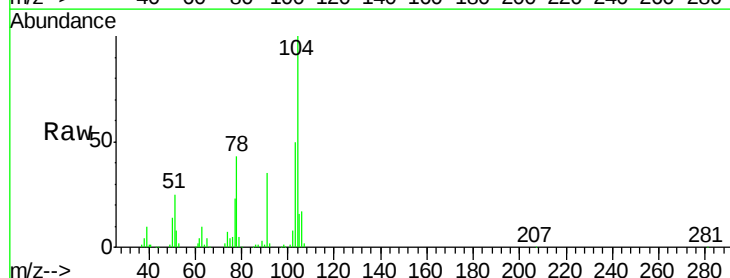
Tgt Ion:104 Resp: 120360

Ion Ratio Lower Upper

104 100

78 49.1 42.4 63.6

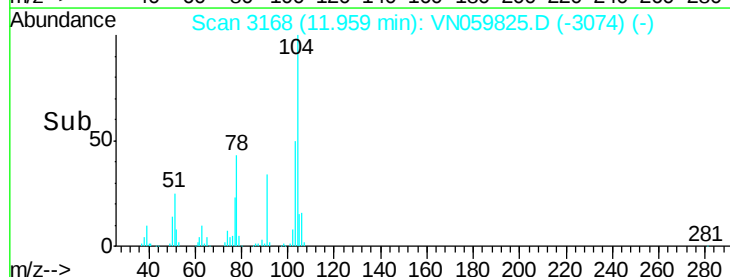
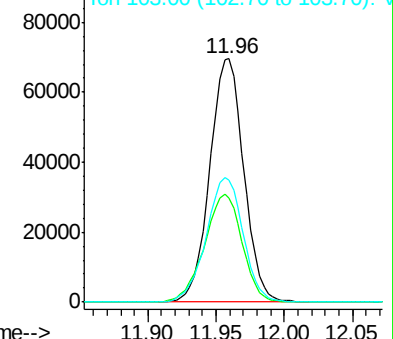
103 55.5 43.9 65.9

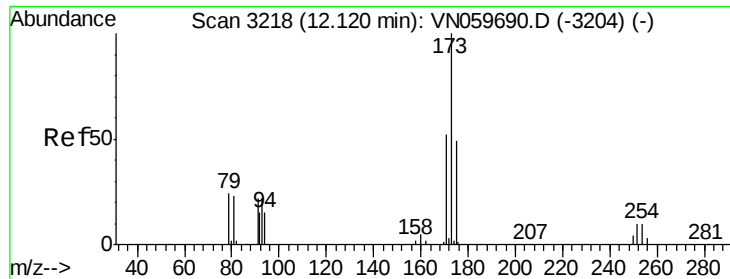


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V

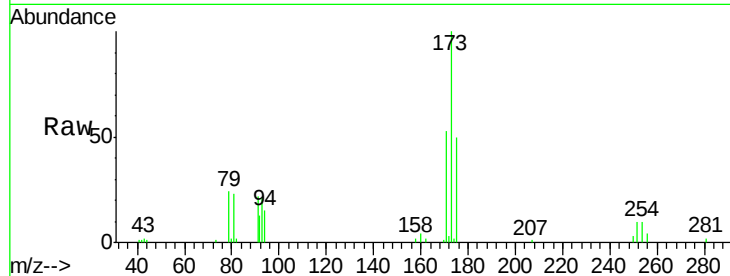




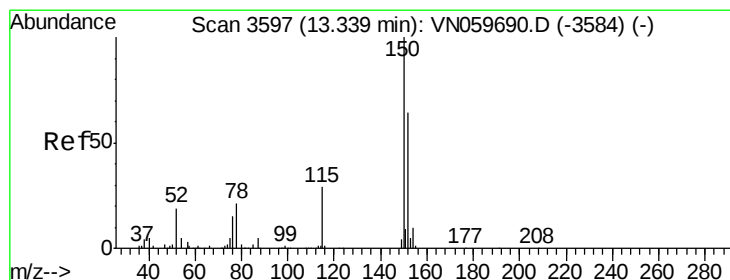
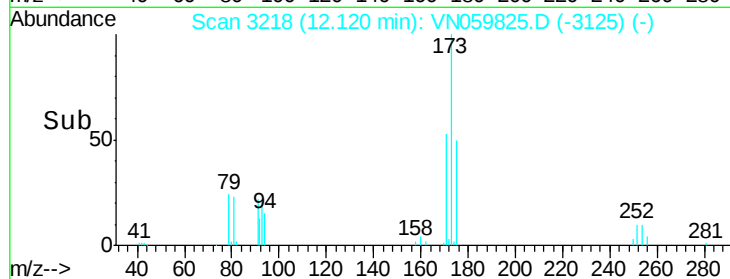
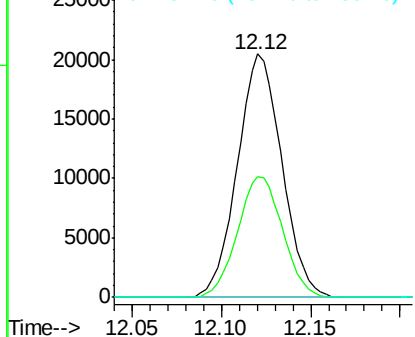
#71
Bromoform
Concen: 20.51 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Instrument :
MSVOA_N
ClientSampled :
VN0122MBS01

Tgt Ion:173 Resp: 35593
Ion Ratio Lower Upper
173 100
175 50.1 23.8 71.4
254 0.0 0.0 0.0

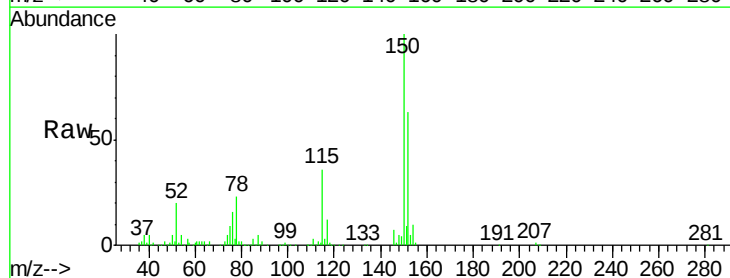


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

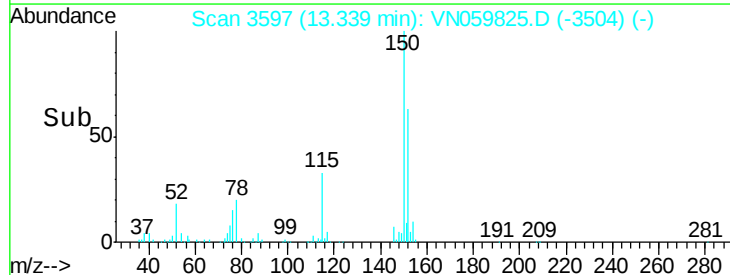
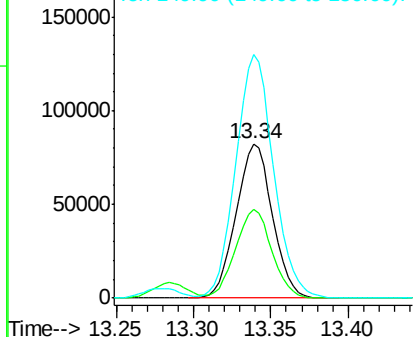


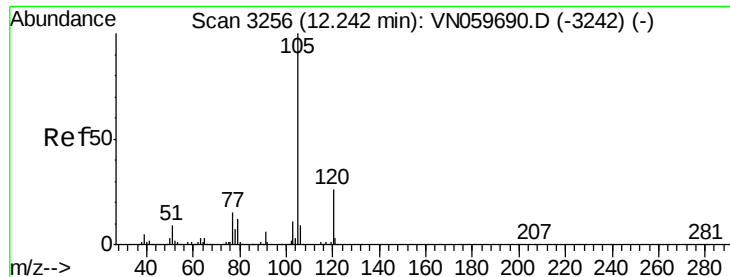
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion:152 Resp: 133663
Ion Ratio Lower Upper
152 100
115 57.5 30.3 90.9
150 164.9 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: 20.56 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

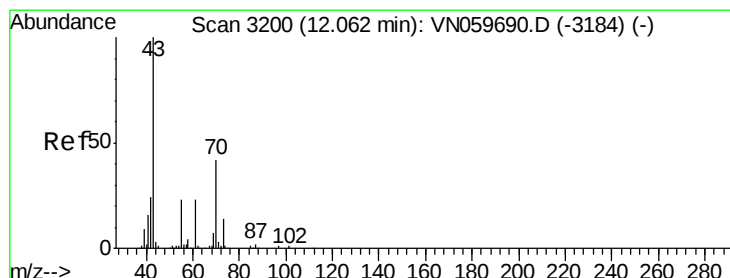
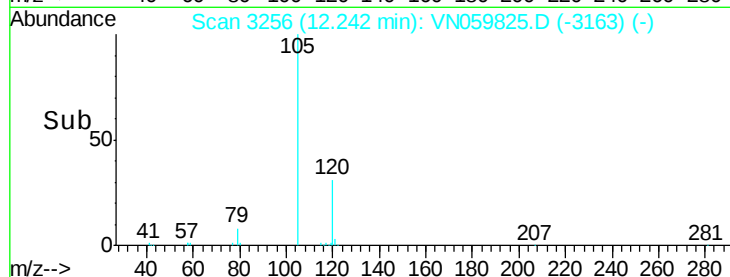
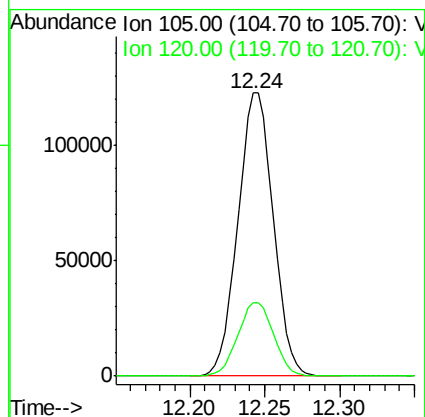
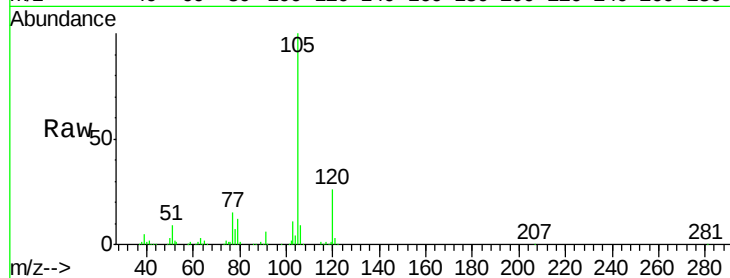
VN0122MBS01

Tgt Ion: 105 Resp: 201513

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 18.48 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Tgt Ion: 43 Resp: 70284

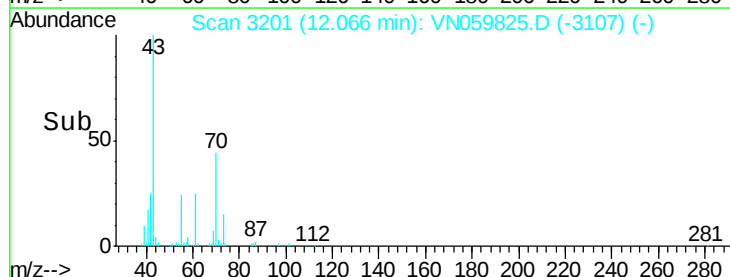
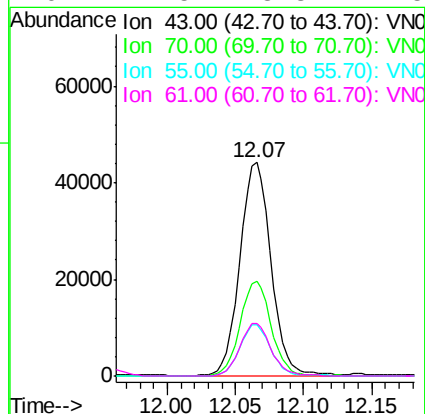
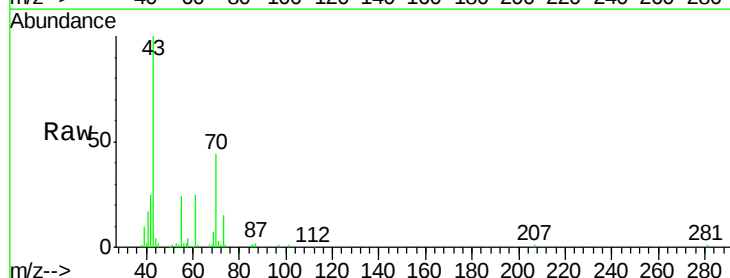
Ion Ratio Lower Upper

43 100

70 43.9 31.3 46.9

55 24.0 19.8 29.6

61 24.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.26 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

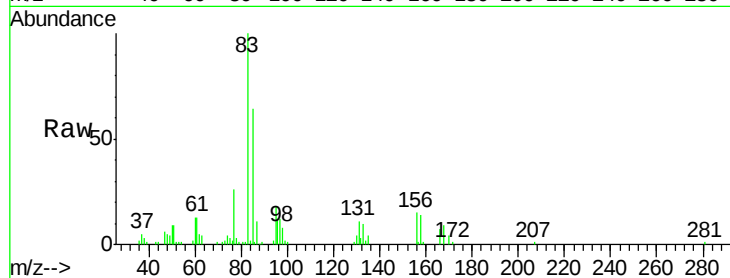
Tgt Ion: 83 Resp: 57582

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 63.9 31.9 95.5

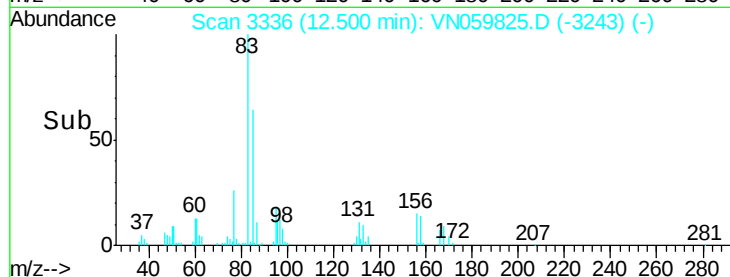


Abundance Ion 82.90 (82.60 to 83.60): VN059825.D (-3243) (-)

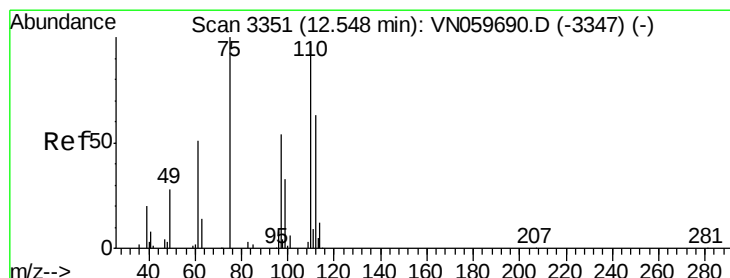
Ion 130.80 (130.50 to 131.50): VN059825.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059825.D (-3243) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.99 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059825.D

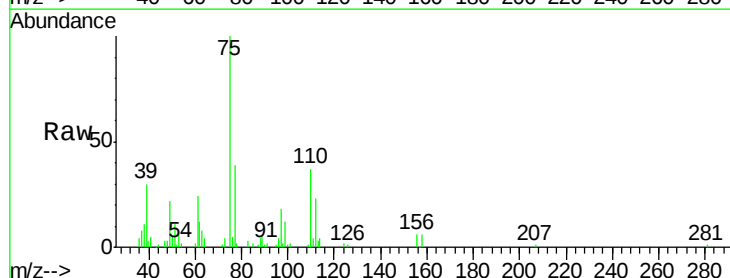
Acq: 22 Jan 2020 12:26

Tgt Ion: 75 Resp: 76459

Ion Ratio Lower Upper

75 100

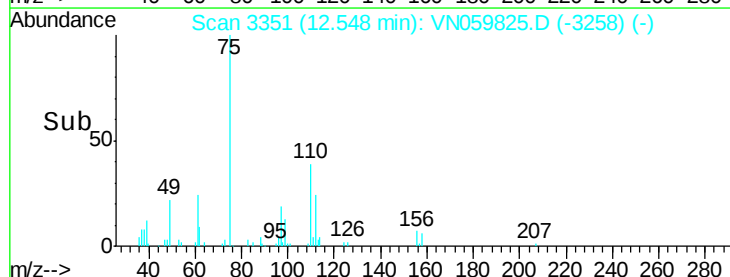
77 0.0 0.0 0.0



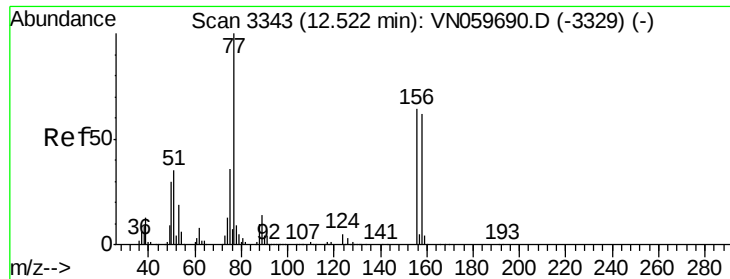
Abundance Ion 74.90 (74.60 to 75.60): VN059825.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059825.D (-3258) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 20.48 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

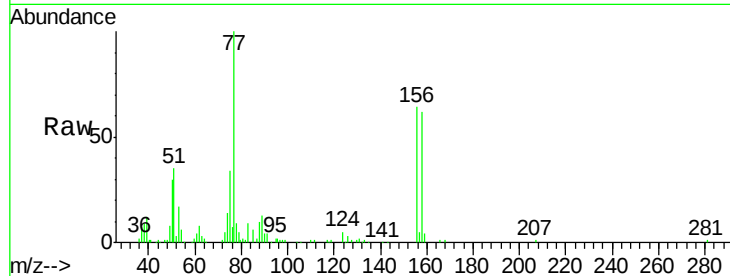
Tgt Ion:156 Resp: 50847

Ion Ratio Lower Upper

156 100

77 187.8 115.8 347.4

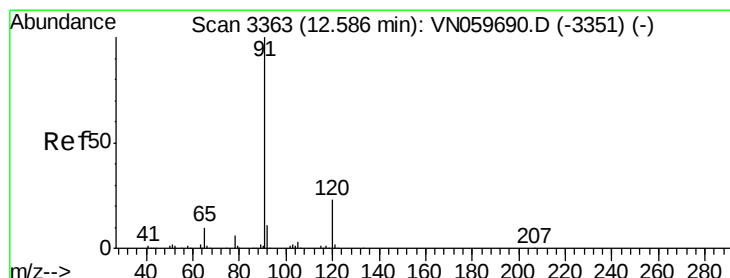
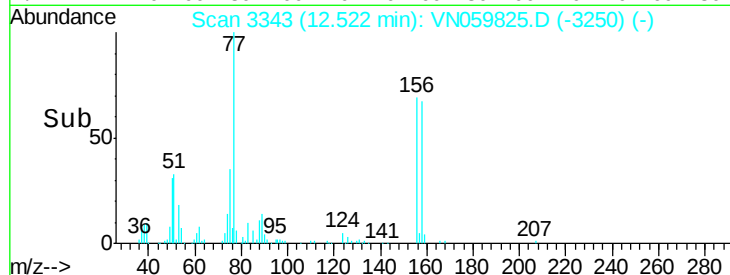
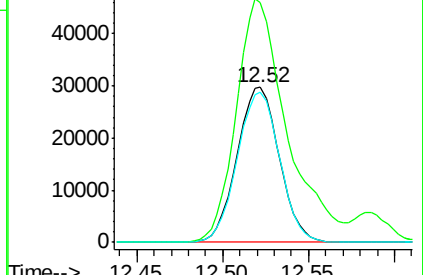
158 97.2 49.2 147.6



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: 20.27 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059825.D

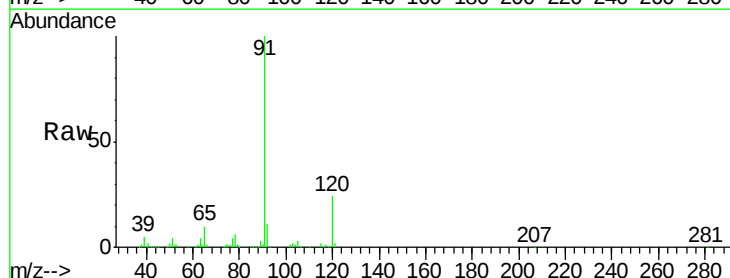
Acq: 22 Jan 2020 12:26

Tgt Ion: 91 Resp: 222988

Ion Ratio Lower Upper

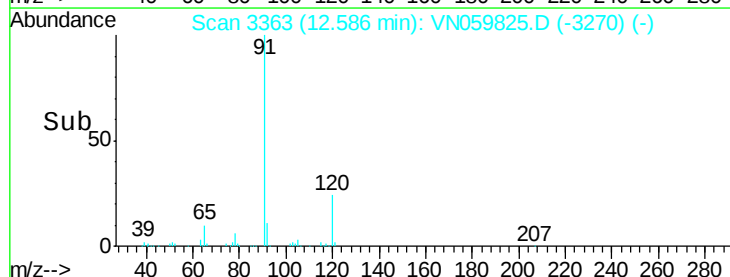
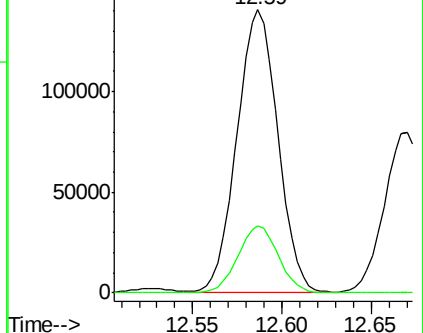
91 100

120 23.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

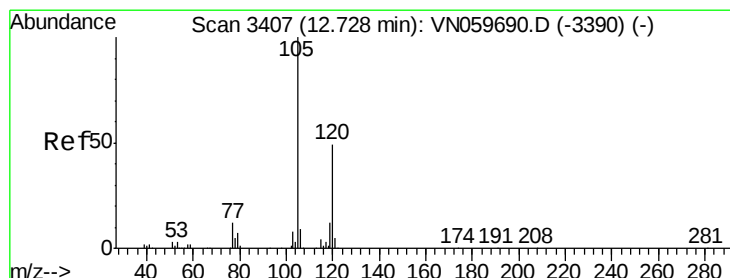
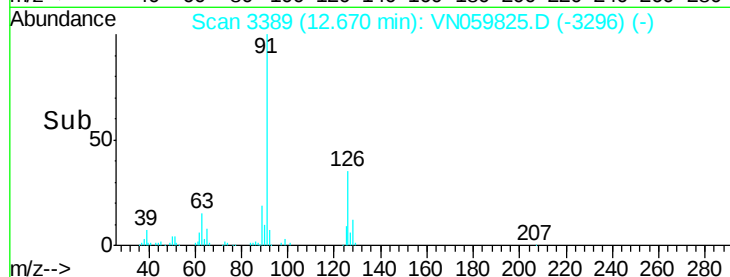
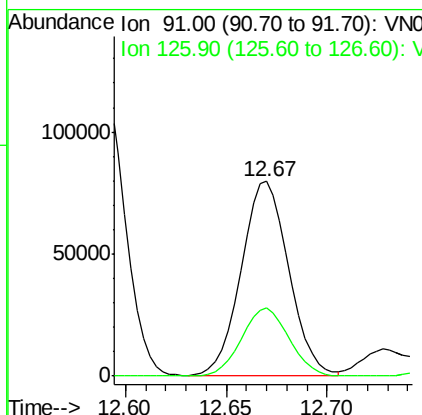
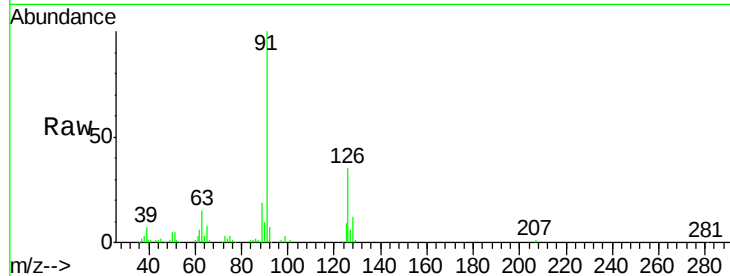




#79
2-Chlorotoluene
Concen: 20.00 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

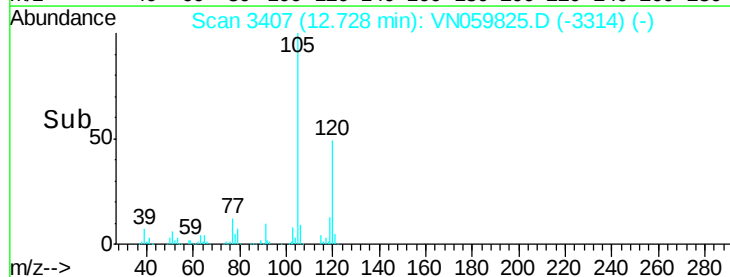
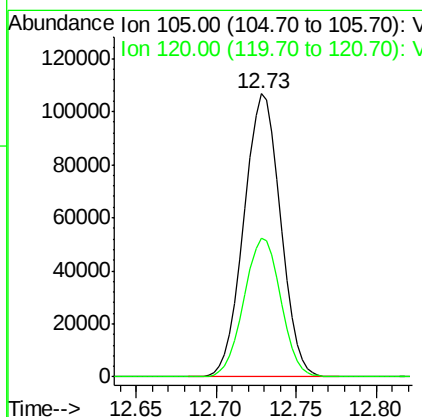
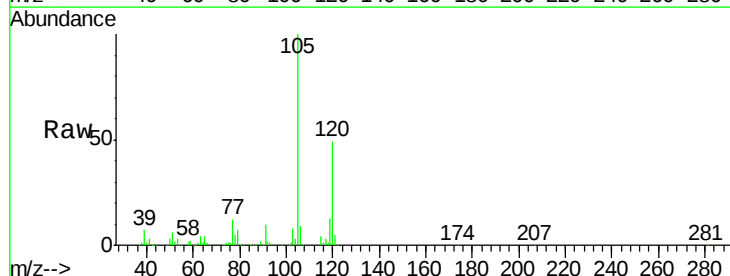
Instrument :
MSVOA_N
ClientSampled :
VN0122MBS01

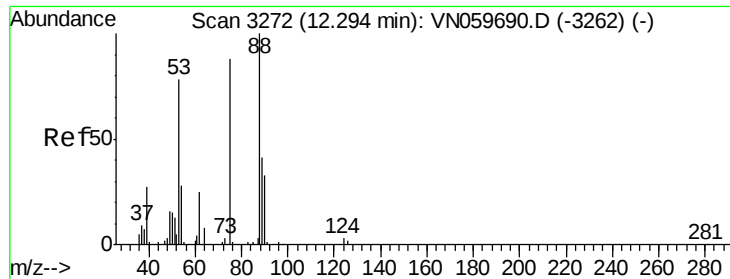
Tgt Ion: 91 Resp: 130928
Ion Ratio Lower Upper
91 100
126 35.3 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 20.25 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN059825.D
Acq: 22 Jan 2020 12:26

Tgt Ion: 105 Resp: 166912
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.43 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

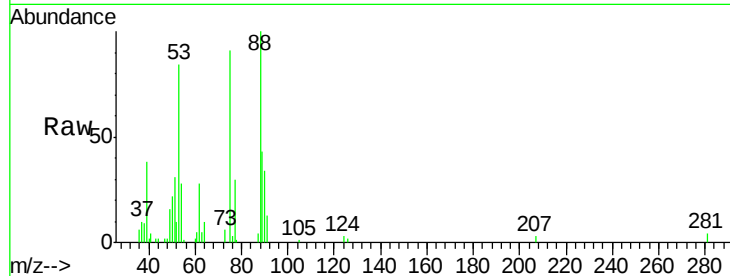
Tgt Ion: 75 Resp: 20351

Ion Ratio Lower Upper

75 100

53 91.0 78.1 117.1

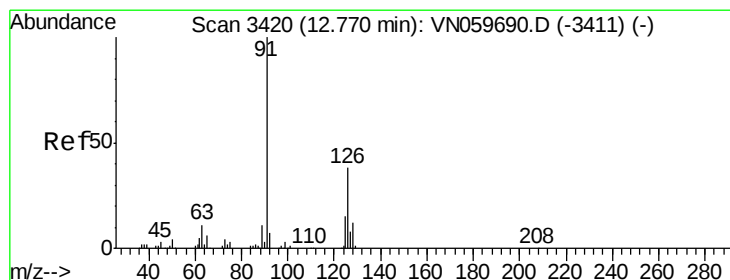
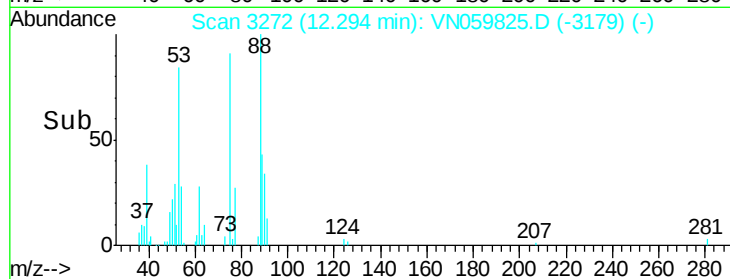
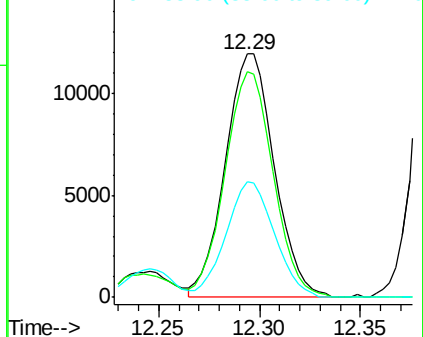
89 47.0 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.15 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059825.D

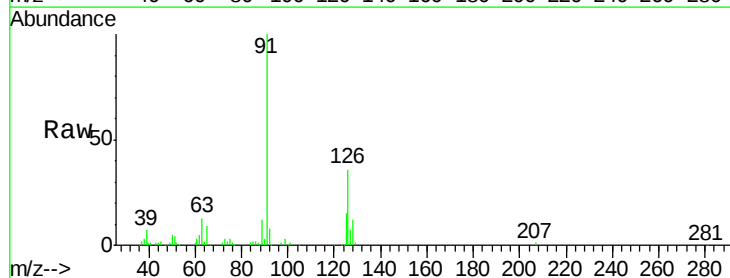
Acq: 22 Jan 2020 12:26

Tgt Ion: 91 Resp: 132297

Ion Ratio Lower Upper

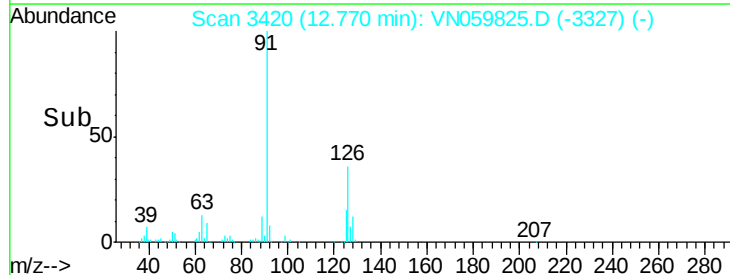
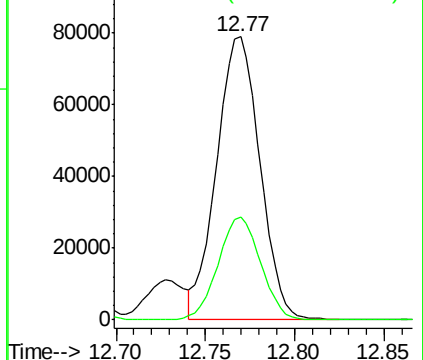
91 100

126 35.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

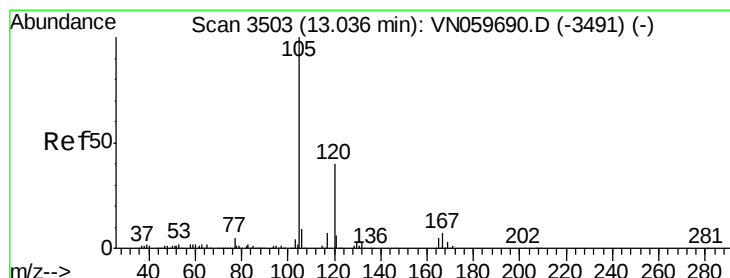
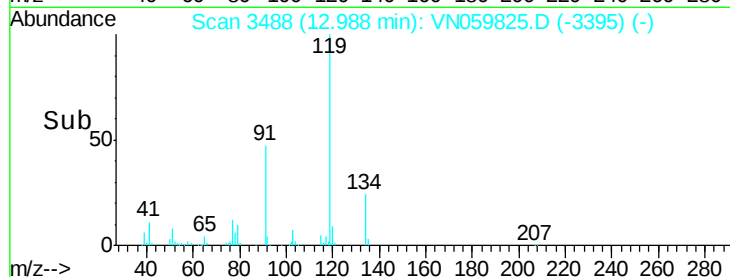
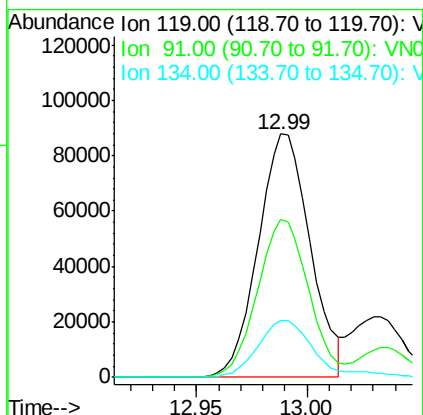
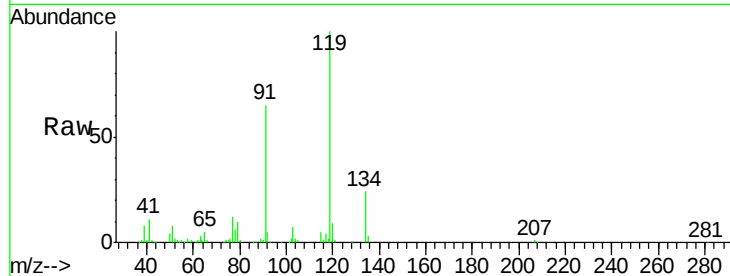




#83
 tert-Butylbenzene
 Concen: 20.16 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

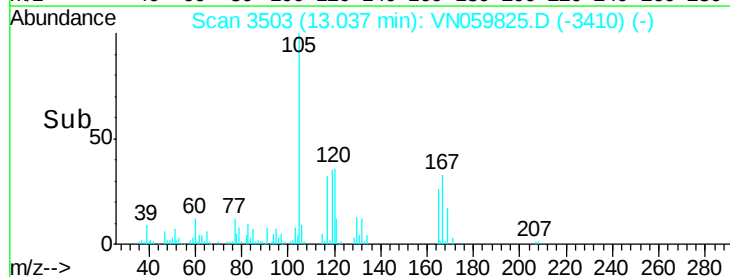
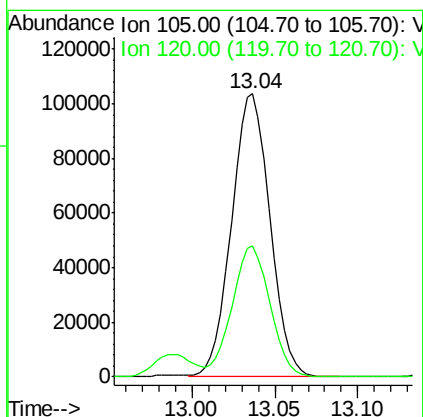
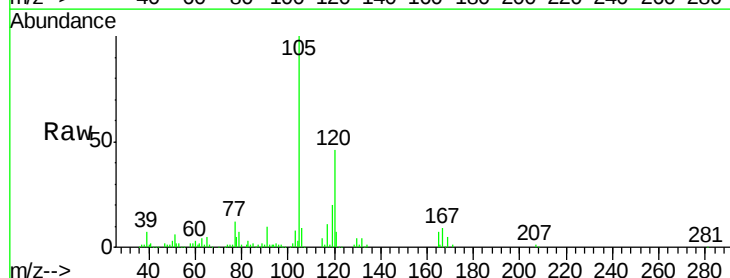
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Tgt Ion:119 Resp: 143729
 Ion Ratio Lower Upper
 119 100
 91 63.9 34.8 104.4
 134 25.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.47 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion:105 Resp: 166916
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.9

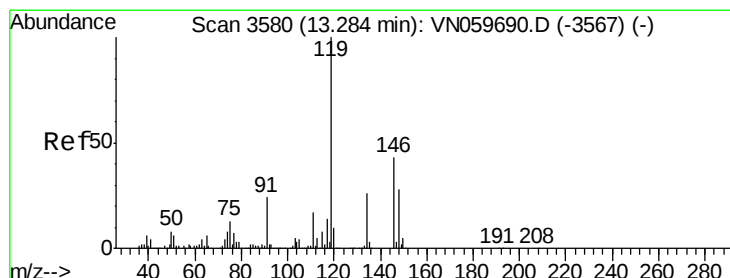
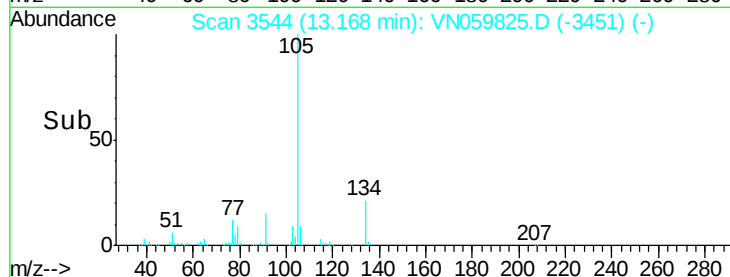
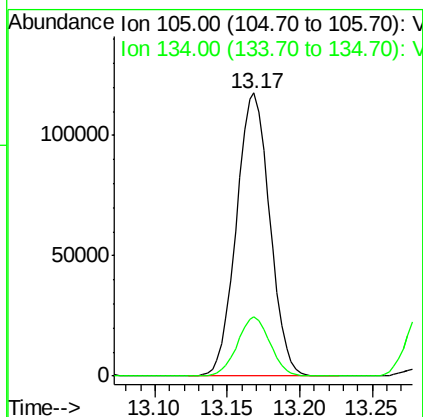
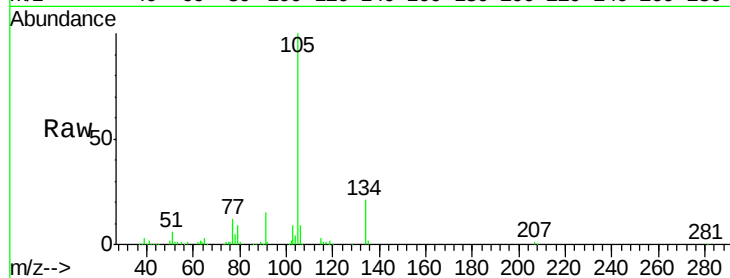




#85
 sec-Butylbenzene
 Concen: 20.07 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

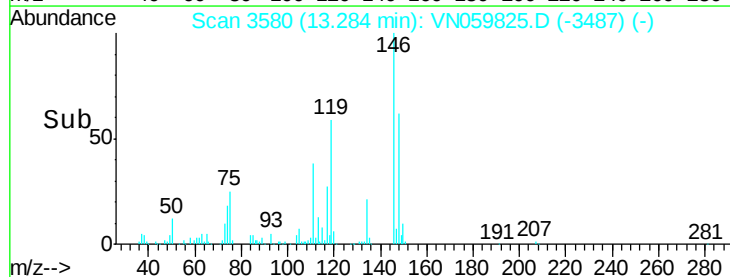
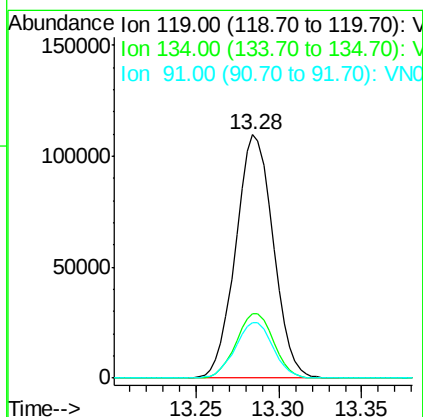
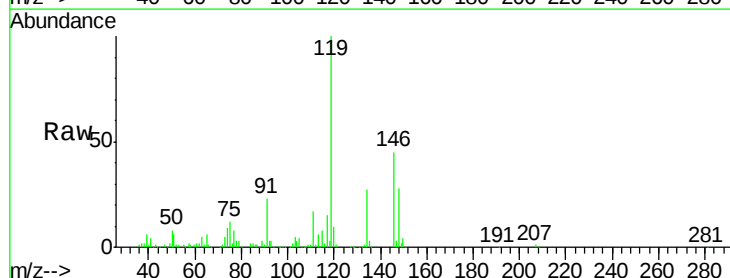
Instrument :
 MSVOA_N
 ClientSampled :
 VN0122MBS01

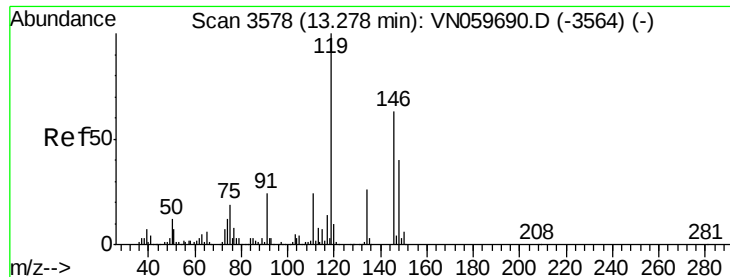
Tgt Ion:105 Resp: 188034
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.00 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion:119 Resp: 173365
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.0 12.4 37.4

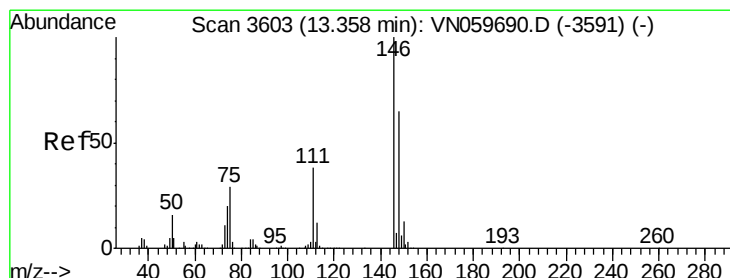
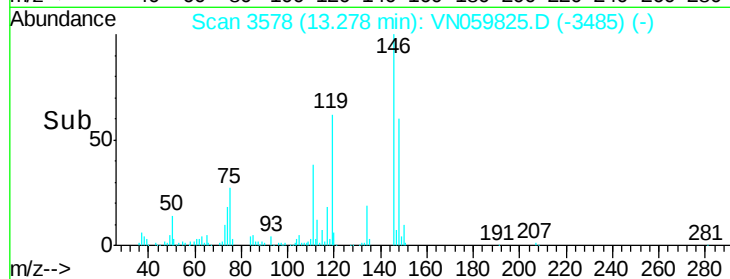
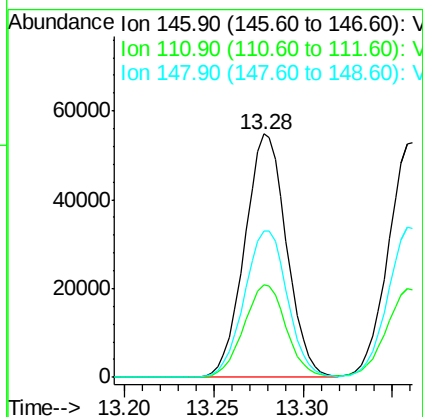
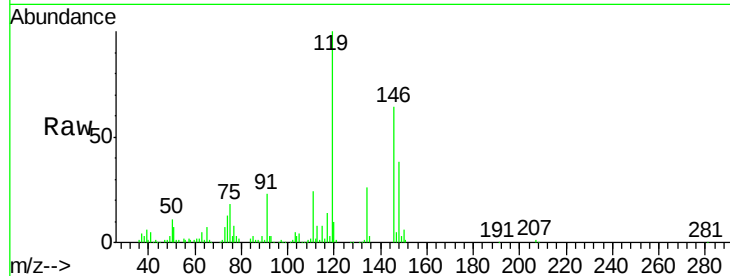




#87
 1,3-Dichlorobenzene
 Concen: 20.85 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

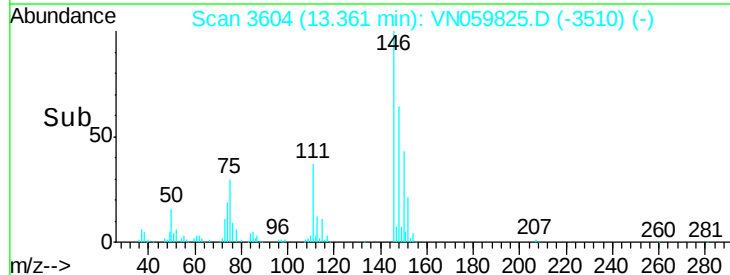
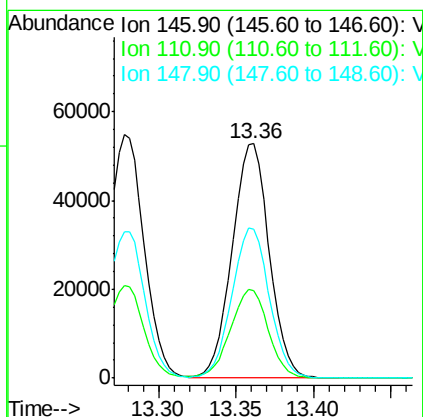
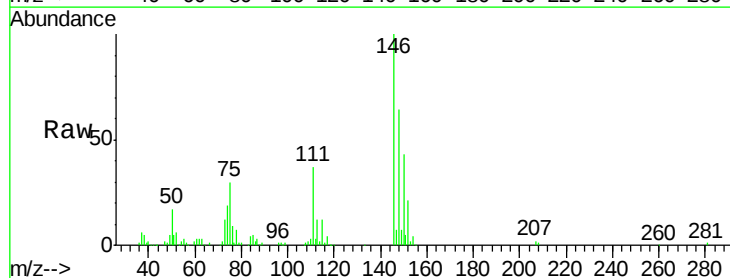
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

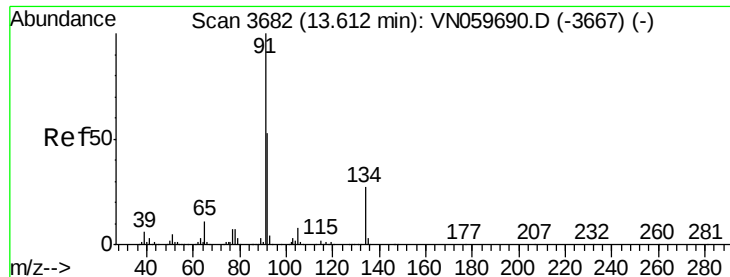
Tgt Ion:146 Resp: 89926
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.8 62.2
 148 61.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.47 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059825.D
 Acq: 22 Jan 2020 12:26

Tgt Ion:146 Resp: 88066
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.2
 148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 19.68 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

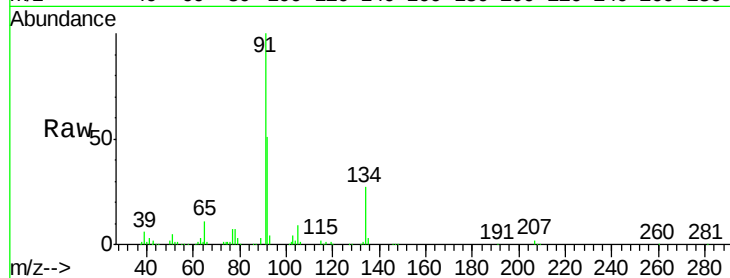
Tgt Ion: 91 Resp: 145438

Ion Ratio Lower Upper

91 100

92 50.9 25.9 77.7

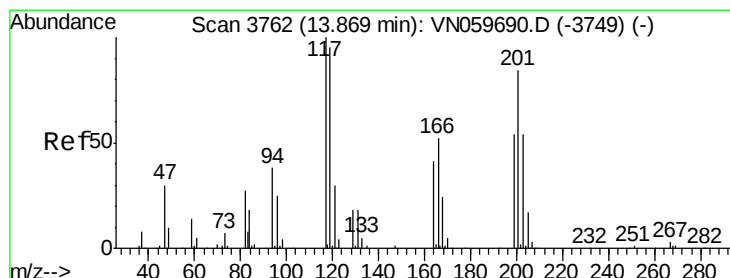
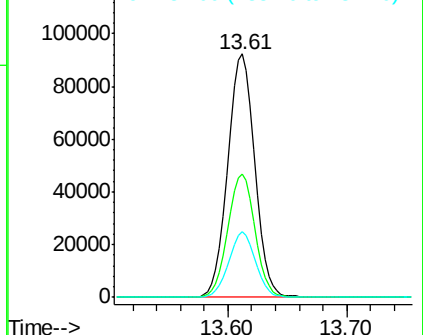
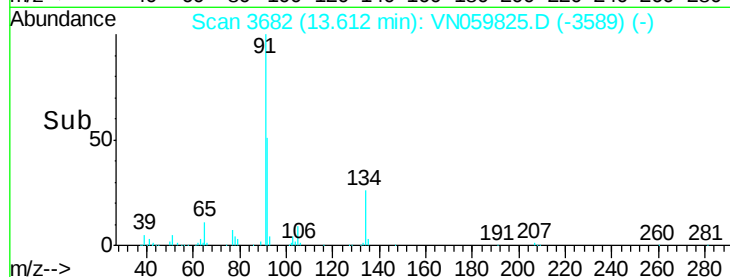
134 26.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN059825.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN059825.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN059825.D (-3669) (-)



#90

Hexachloroethane

Concen: 19.97 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059825.D

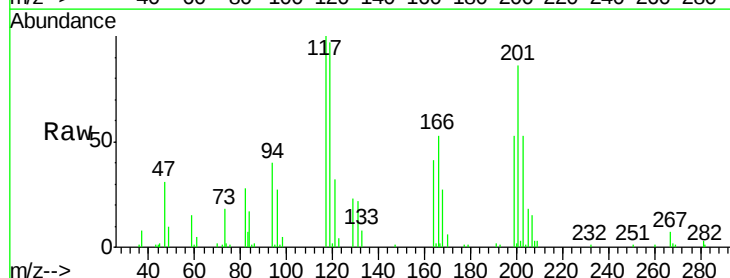
Acq: 22 Jan 2020 12:26

Tgt Ion: 117 Resp: 32385

Ion Ratio Lower Upper

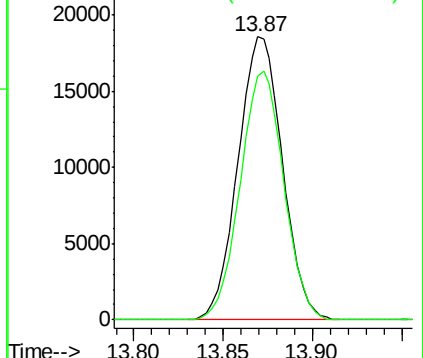
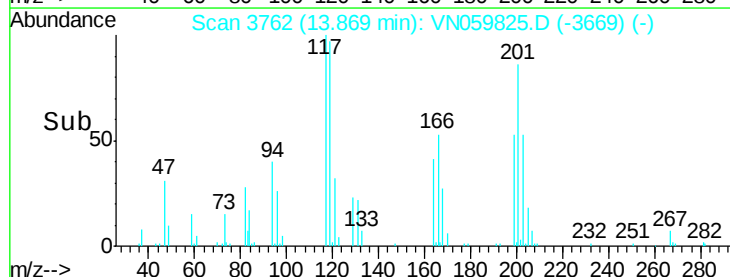
117 100

201 86.1 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059825.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059825.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 20.49 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

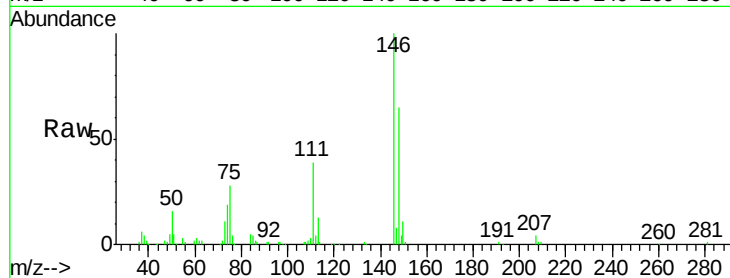
Tgt Ion:146 Resp: 87355

Ion Ratio Lower Upper

146 100

111 39.3 21.6 64.8

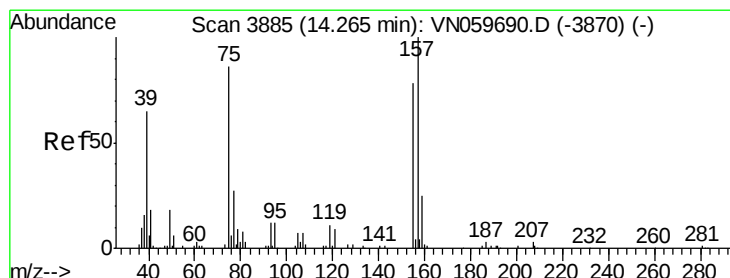
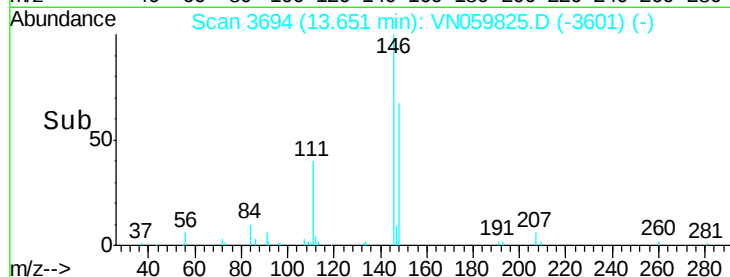
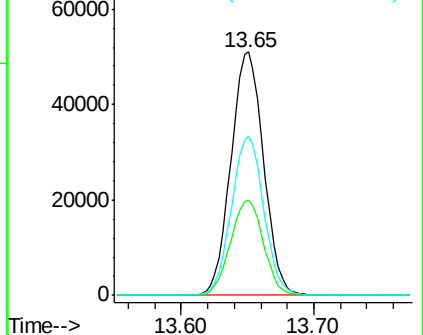
148 64.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.61 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

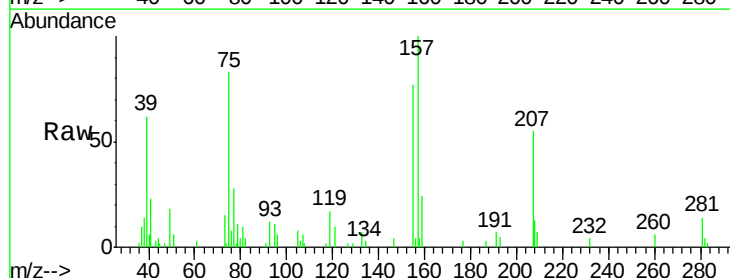
Tgt Ion: 75 Resp: 12150

Ion Ratio Lower Upper

75 100

155 85.7 37.0 110.9

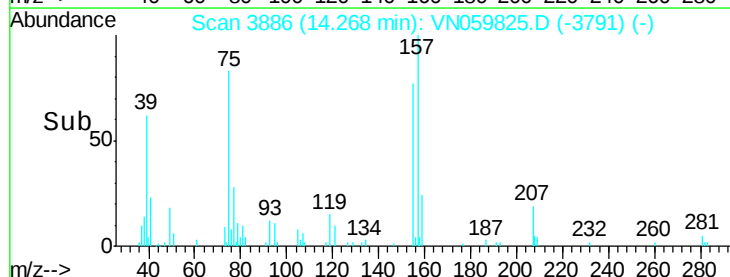
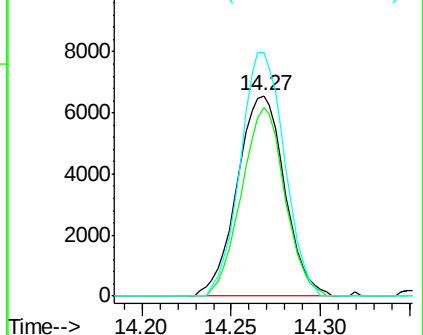
157 113.1 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.00 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0122MBS01

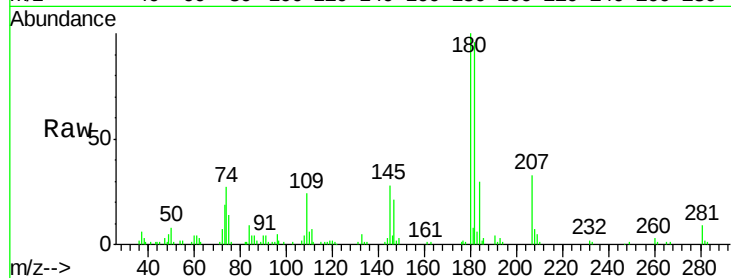
Tgt Ion:180 Resp: 51238

Ion Ratio Lower Upper

180 100

182 96.6 46.9 140.7

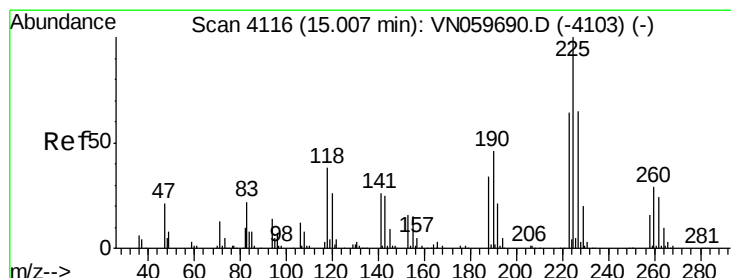
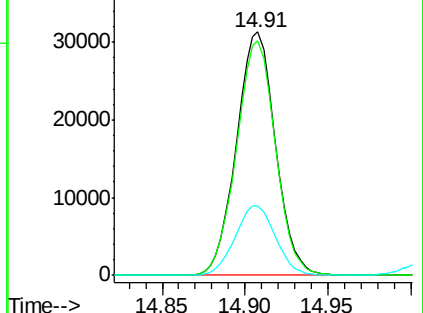
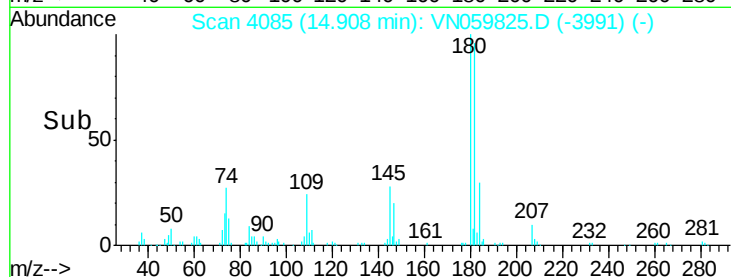
145 29.6 15.0 45.1



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: 20.25 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

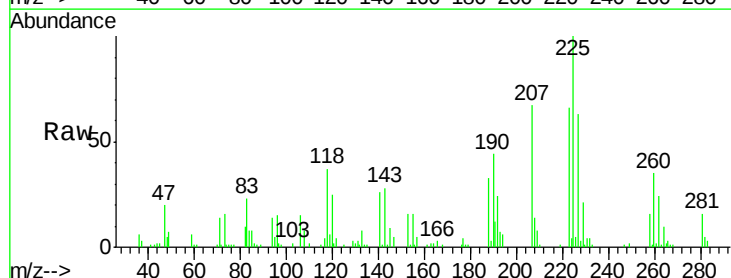
Tgt Ion:225 Resp: 28579

Ion Ratio Lower Upper

225 100

223 64.7 31.8 95.3

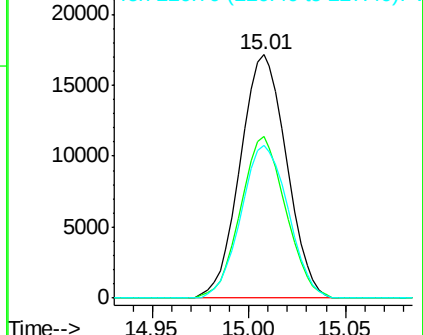
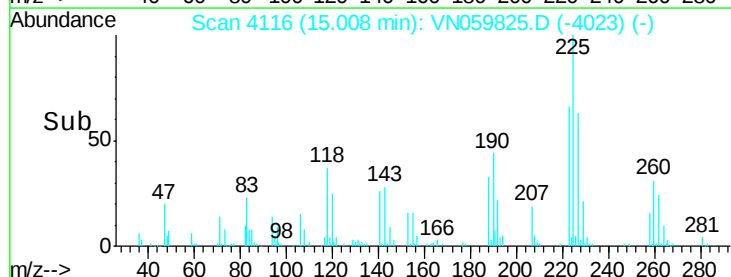
227 63.8 32.1 96.5



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: 18.93 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

VN0122MBS01

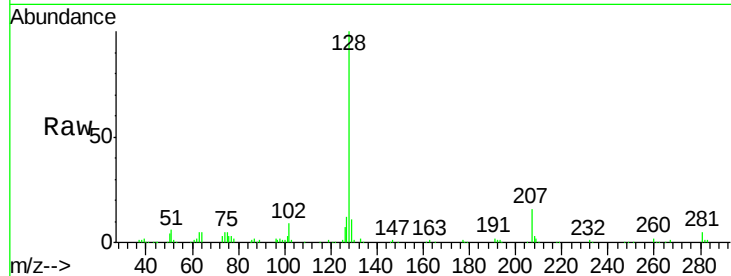
Tgt Ion:128 Resp: 137939

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

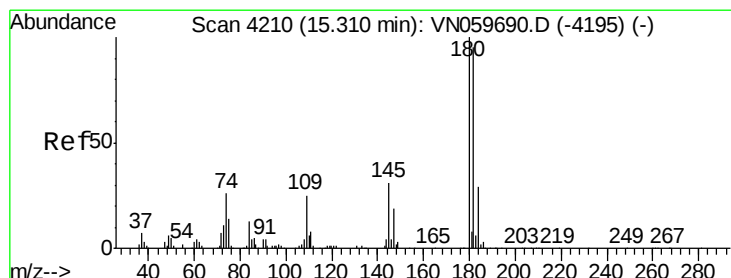
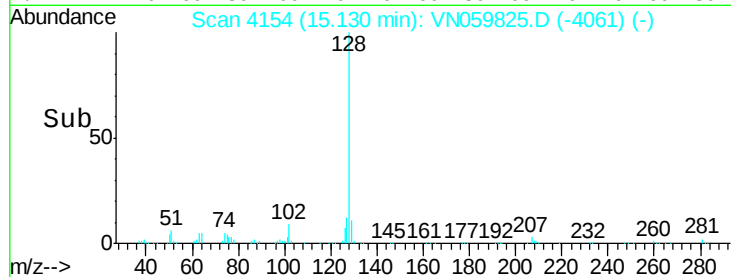
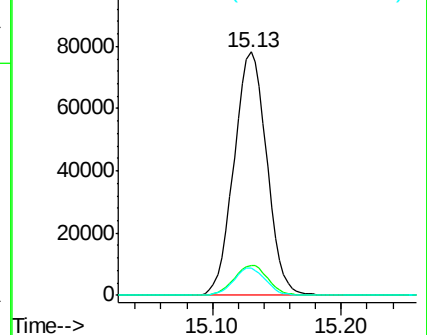
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.91 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059825.D

Acq: 22 Jan 2020 12:26

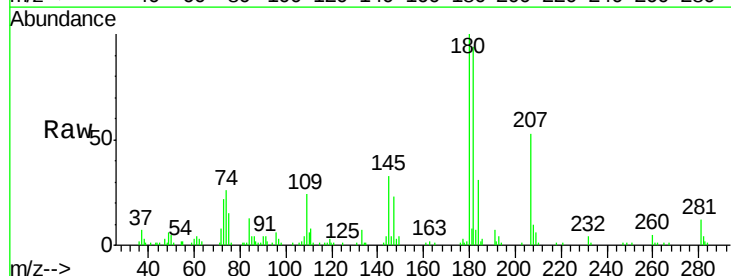
Tgt Ion:180 Resp: 49644

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 31.9 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

