

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059927.D
 Acq On : 30 Jan 2020 14:31
 Operator : JC/MD
 Sample : VN0130WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 30 16:52:04 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	186583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124919	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	106360	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
35) Dibromofluoromethane	7.57	113	87638	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
50) Toluene-d8	10.08	98	334077	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	120186	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	37559	16.726	ug/l	97
3) Chloromethane	2.04	50	37039	17.339	ug/l	96
4) Vinyl Chloride	2.17	62	47453	19.415	ug/l	100
5) Bromomethane	2.55	94	28632	19.196	ug/l	99
6) Chloroethane	2.69	64	22388	19.361	ug/l	99
7) Trichlorofluoromethane	3.00	101	56665	19.305	ug/l	97
8) Diethyl Ether	3.39	74	20524	19.924	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34038	20.836	ug/l	93
10) Methyl Iodide	3.93	142	43551	16.493	ug/l	97
11) Tert butyl alcohol	4.73	59	32830	94.118	ug/l	99
12) 1,1-Dichloroethene	3.72	96	31974	18.731	ug/l	88
13) Acrolein	3.58	56	12928	52.357	ug/l	100
14) Allyl chloride	4.29	41	43985	19.117	ug/l #	85
15) Acrylonitrile	4.94	53	77904	97.908	ug/l	99
16) Acetone	3.78	43	79766	107.148	ug/l	97
17) Carbon Disulfide	4.03	76	77755	15.990	ug/l	100
18) Methyl Acetate	4.29	43	47587	19.662	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	112067	20.135	ug/l	93
20) Methylene Chloride	4.52	84	36499	18.659	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	34109	18.797	ug/l	90
22) Diisopropyl ether	5.91	45	103662	19.881	ug/l #	89
23) Vinyl Acetate	5.86	43	390325	96.685	ug/l #	95
24) 1,1-Dichloroethane	5.82	63	62520	19.623	ug/l	99
25) 2-Butanone	6.80	43	106588	90.838	ug/l	92
26) 2,2-Dichloropropane	6.80	77	59926	19.565	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	41826	20.041	ug/l	87
28) Bromochloromethane	7.17	49	24877	19.536	ug/l #	79
29) Tetrahydrofuran	7.18	42	66639	91.789	ug/l #	87
30) Chloroform	7.35	83	65644	19.885	ug/l	98
31) Cyclohexane	7.63	56	54545	17.792	ug/l #	85
32) 1,1,1-Trichloroethane	7.54	97	60534	19.833	ug/l	95
36) 1,1-Dichloropropene	7.77	75	47514	19.140	ug/l	96
37) Ethyl Acetate	6.89	43	43547	18.703	ug/l	96
38) Carbon Tetrachloride	7.75	117	53490	19.808	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	58217	19.020	ug/l	91
40) Benzene	8.02	78	141818	19.156	ug/l	100
41) Methacrylonitrile	7.18	41	62347	54.365	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	51876	20.666	ug/l	97
43) Isopropyl Acetate	8.14	43	75359	18.817	ug/l #	94
44) Trichloroethene	8.82	130	41879	20.721	ug/l	91
45) 1,2-Dichloropropane	9.10	63	37088	20.245	ug/l	99
46) Dibromomethane	9.19	93	26040	20.150	ug/l	92
47) Bromodichloromethane	9.38	83	53210	20.432	ug/l	99
48) Methyl methacrylate	9.18	41	32487	18.136	ug/l	88
49) 1,4-Dioxane	9.18	88	12725	388.044	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	220820	95.385	ug/l	96
52) Toluene	10.14	92	92346	19.747	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	57638	19.822	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	62680	20.487	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	37444	20.217	ug/l	98
56) Ethyl methacrylate	10.42	69	52971	18.717	ug/l	93
57) 1,3-Dichloropropane	10.70	76	59910	20.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	88771	104.140	ug/l	92
59) 2-Hexanone	10.74	43	161959	94.963	ug/l	96
60) Dibromochloromethane	10.89	129	42792	20.289	ug/l	99
61) 1,2-Dibromoethane	11.00	107	38843	20.009	ug/l	99
64) Tetrachloroethene	10.62	164	42948	20.195	ug/l	95
65) Chlorobenzene	11.43	112	101666	19.822	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	40146	20.258	ug/l	97
67) Ethyl Benzene	11.50	91	180954	19.436	ug/l	98
68) m/p-Xylenes	11.62	106	136105	38.700	ug/l	94
69) o-Xylene	11.94	106	65363	18.984	ug/l	98
70) Styrene	11.96	104	106660	18.513	ug/l	97
71) Bromoform	12.12	173	31298	19.716	ug/l #	97
73) Isopropylbenzene	12.25	105	180822	19.737	ug/l	99
74) N-amyl acetate	12.06	43	63287	17.803	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	51945	19.558	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	69537	33.077	ug/l #	100
77) Bromobenzene	12.52	156	45632	19.669	ug/l	82
78) n-propylbenzene	12.59	91	200363	19.485	ug/l	97
79) 2-Chlorotoluene	12.67	91	117735	19.246	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	149314	19.379	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	17770	18.152	ug/l	96
82) 4-Chlorotoluene	12.77	91	120989	19.719	ug/l	95
83) tert-Butylbenzene	12.99	119	131735	19.769	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	150174	19.701	ug/l	98
85) sec-Butylbenzene	13.17	105	172626	19.717	ug/l	99
86) p-Isopropyltoluene	13.28	119	158103	19.516	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	80429	19.957	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	78530	19.533	ug/l	97
89) n-Butylbenzene	13.61	91	134717	19.504	ug/l	99
90) Hexachloroethane	13.87	117	29268	19.310	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	79110	19.856	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11025	18.004	ug/l	92

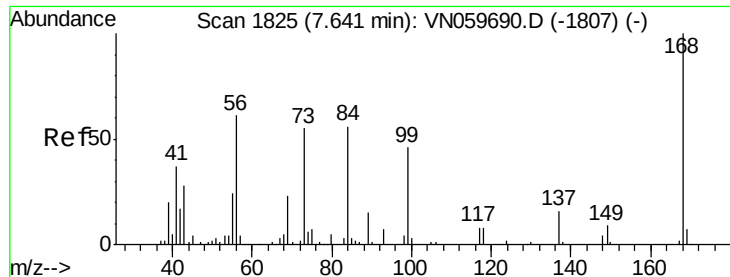
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	46204	19.300	ug/l	100
94) Hexachlorobutadiene	15.01	225	26220	19.875	ug/l	98
95) Naphthalene	15.13	128	121172	17.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45784	19.648	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

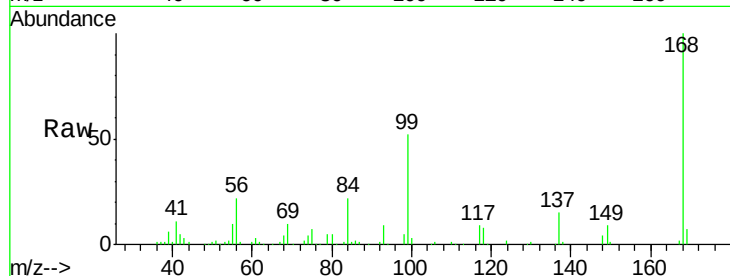
ClientSampled :

Tot Ion:168 Resp: 186583

Ion Ratio Lower Upper

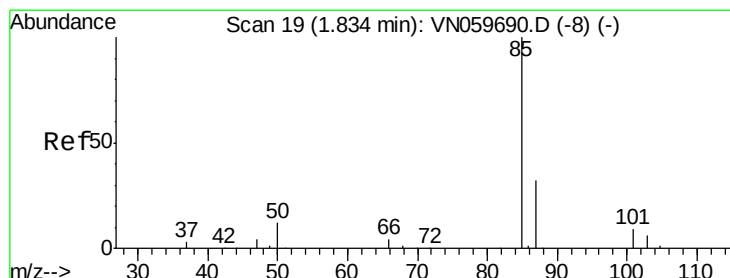
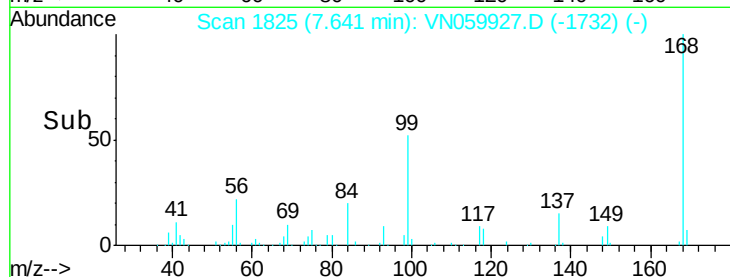
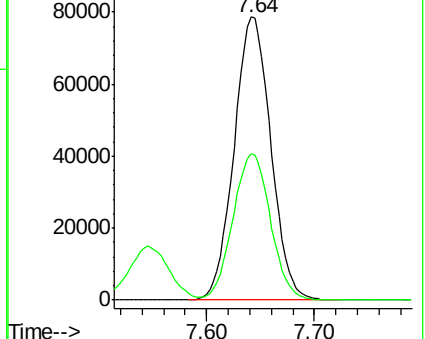
168 100

99 51.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.726 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059927.D

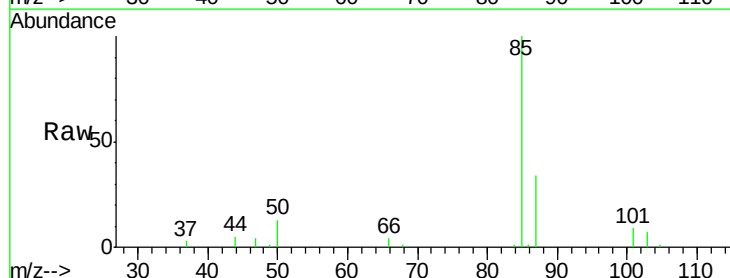
Acq: 30 Jan 2020 14:31

Tgt Ion: 85 Resp: 37559

Ion Ratio Lower Upper

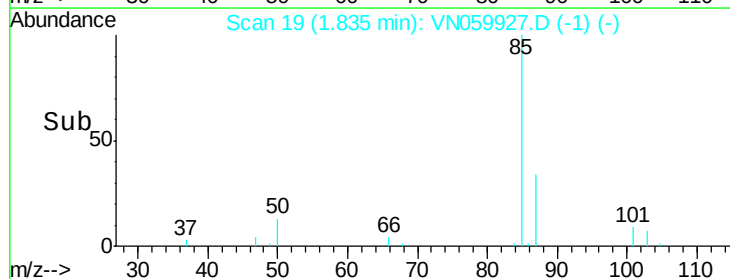
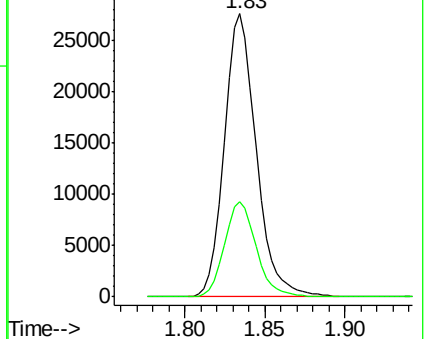
85 100

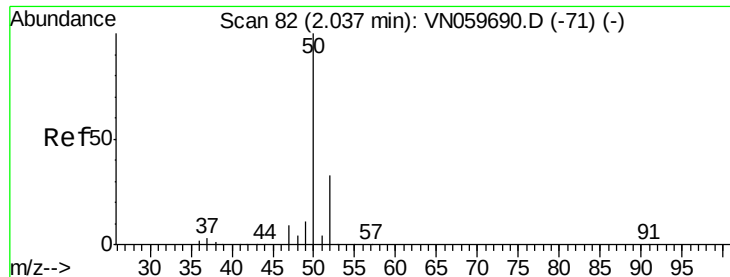
87 33.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.339 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

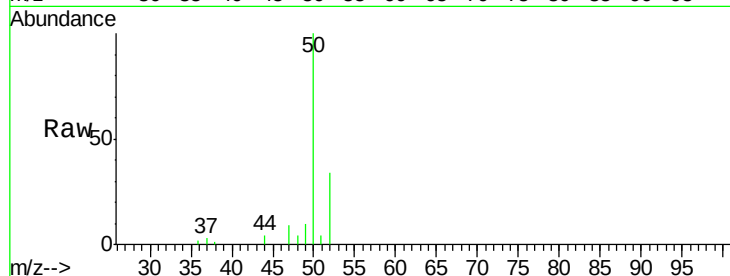
ClientSampled :

Tot Ion: 50 Resp: 37039

Ion Ratio Lower Upper

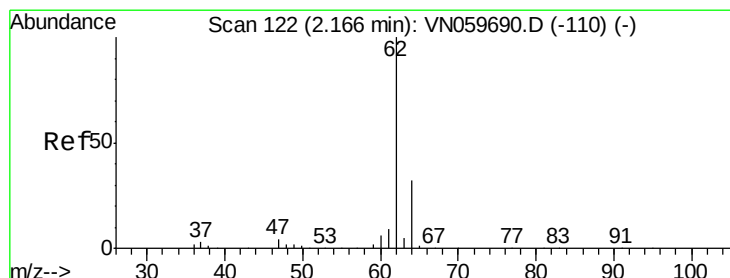
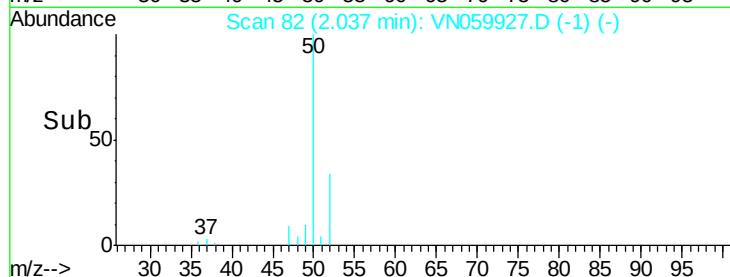
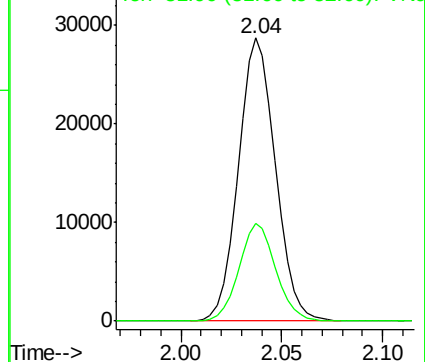
50 100

52 34.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.415 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059927.D

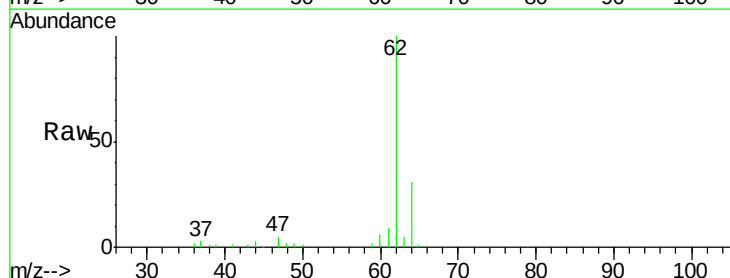
Acq: 30 Jan 2020 14:31

Tgt Ion: 62 Resp: 47453

Ion Ratio Lower Upper

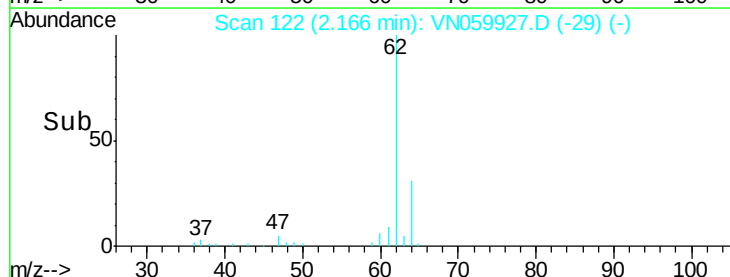
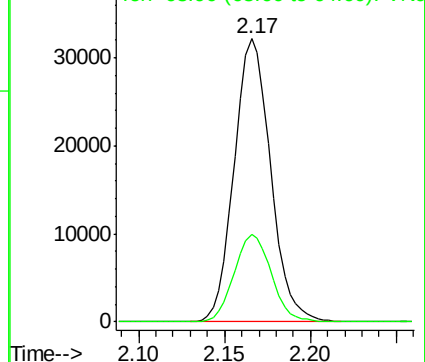
62 100

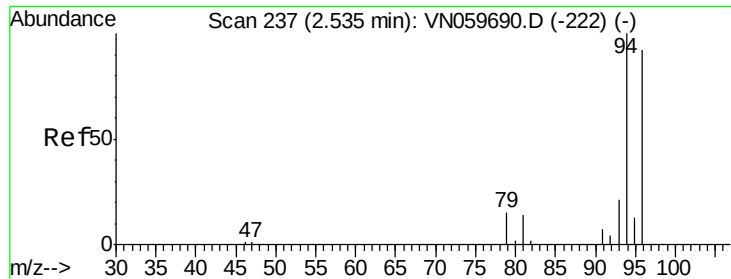
64 30.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

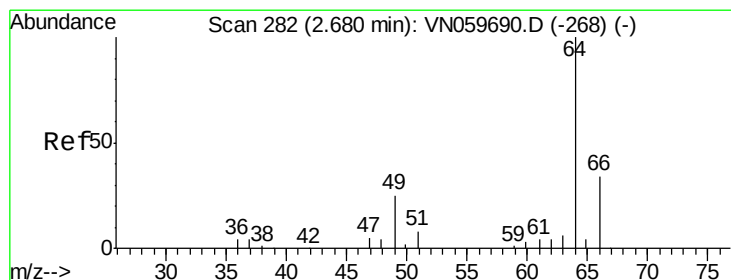
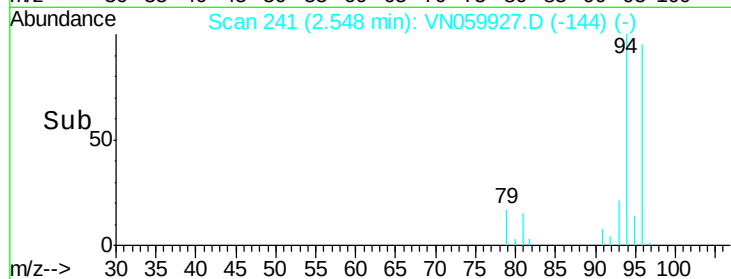
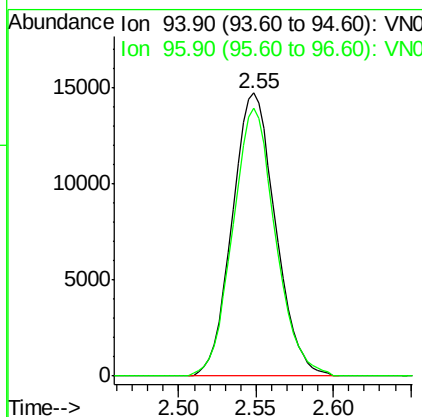
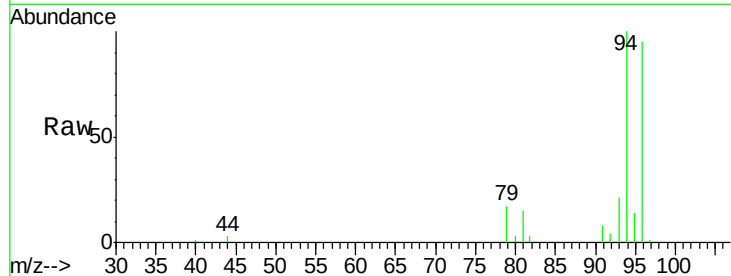




#5
Bromomethane
Concen: 19.196 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

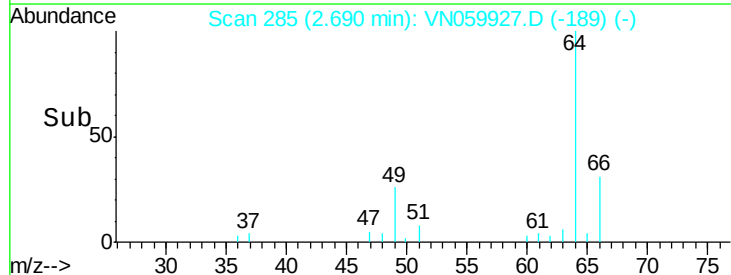
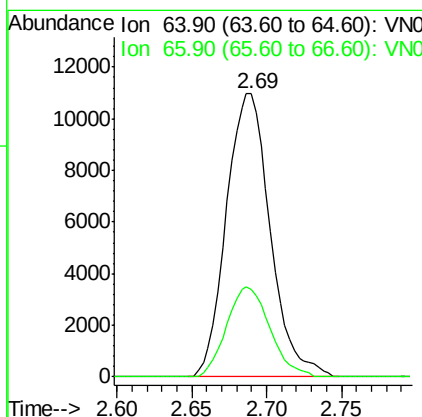
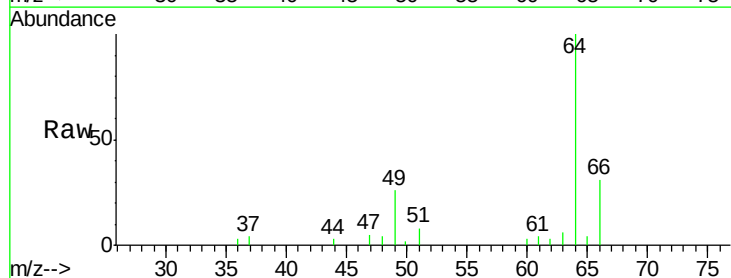
Instrument :
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ClientSampleId :

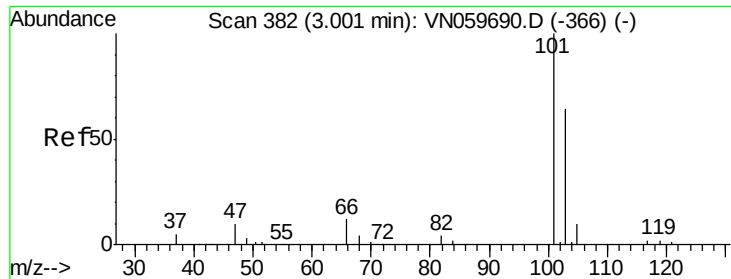
Tot Ion: 94 Resp: 28632
Ion Ratio Lower Upper
94 100
96 94.6 74.7 112.1



#6
Chloroethane
Concen: 19.361 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.01 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 64 Resp: 22388
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7



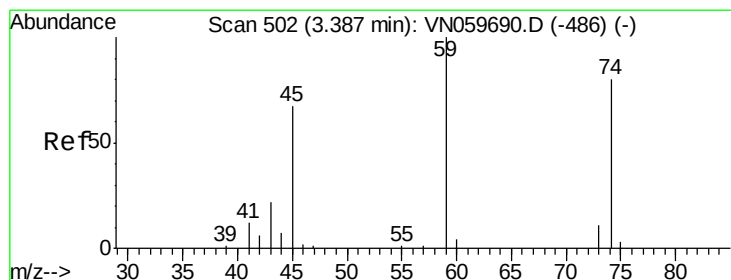
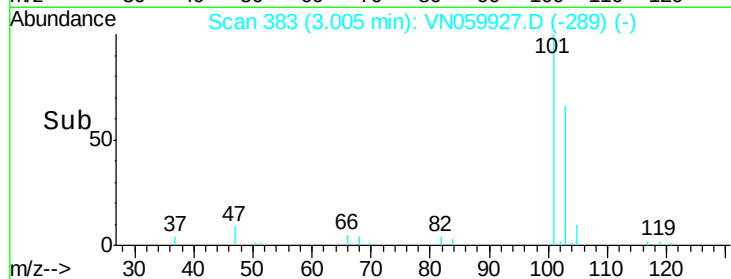
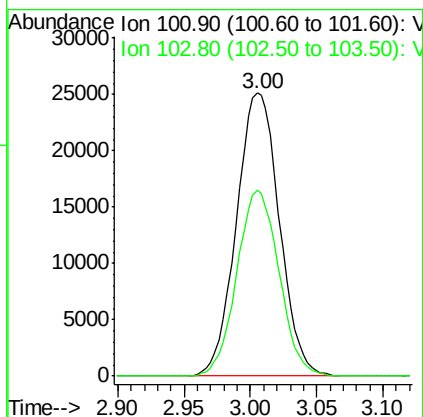
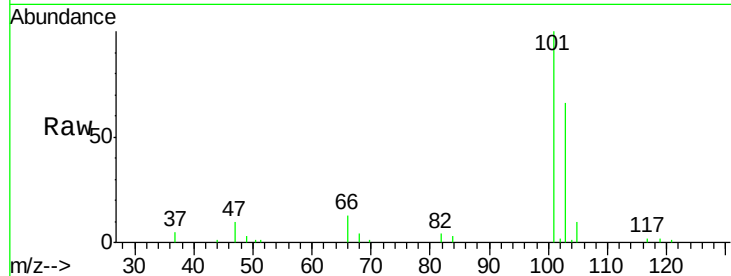


#7

Trichlorofluoromethane
Concen: 19.305 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampled :

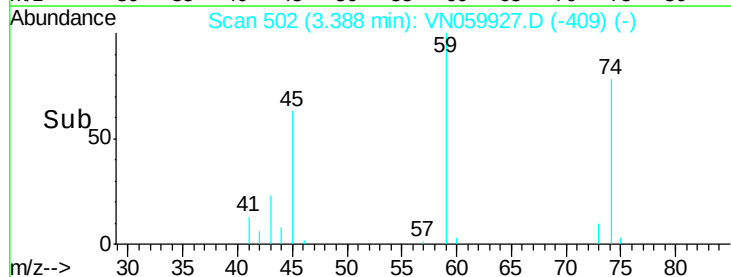
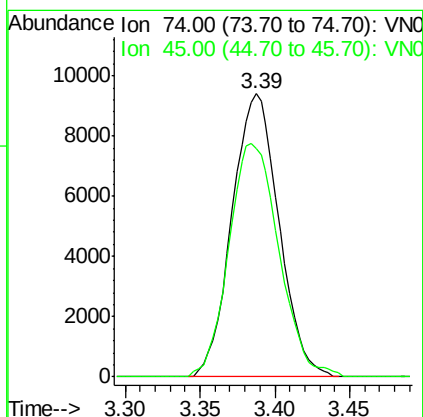
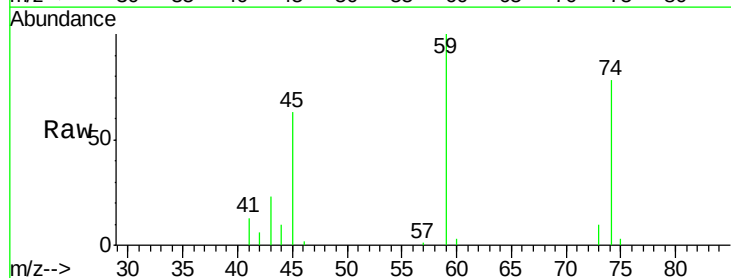
Tot Ion:101 Resp: 56665
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.6

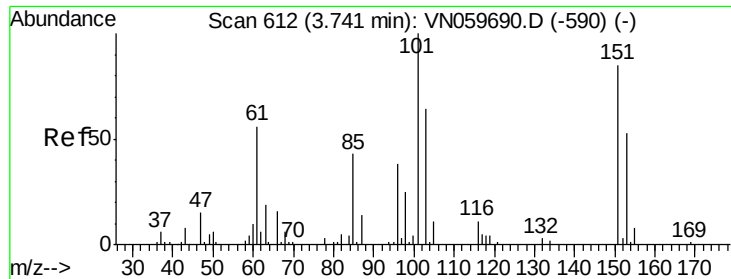


#8

Diethyl Ether
Concen: 19.924 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 74 Resp: 20524
Ion Ratio Lower Upper
74 100
45 87.9 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.836 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

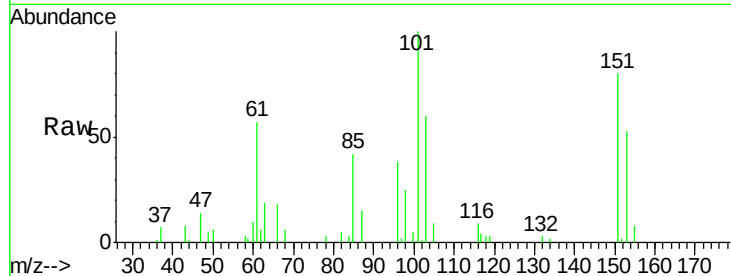
Tot Ion:101 Resp: 34038

Ion Ratio Lower Upper

101 100

85 43.5 36.6 54.8

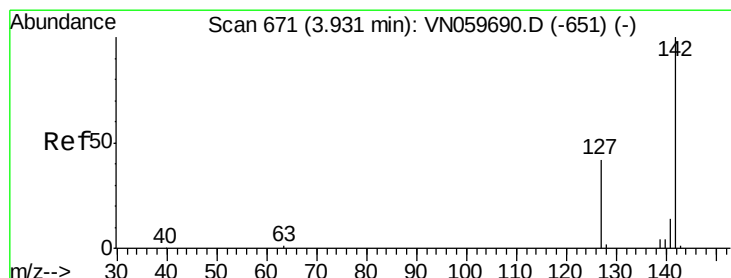
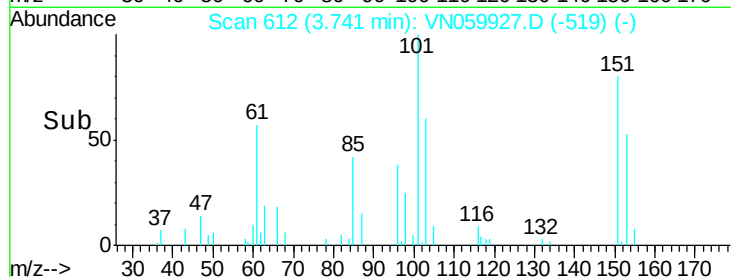
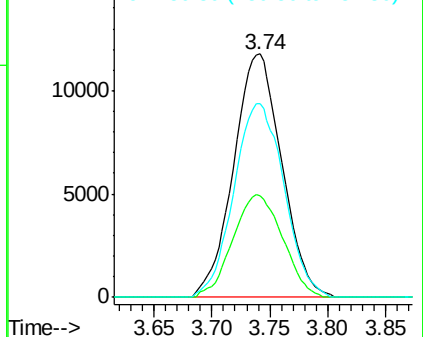
151 82.7 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.493 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

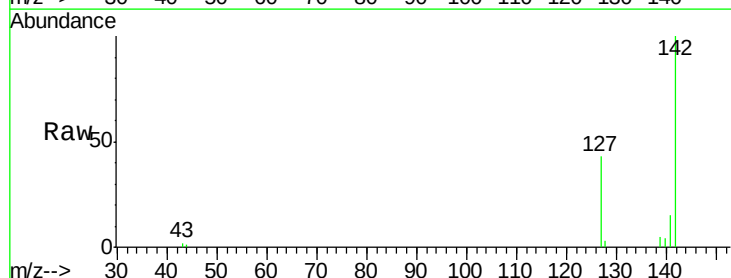
Tgt Ion:142 Resp: 43551

Ion Ratio Lower Upper

142 100

127 43.4 36.7 55.1

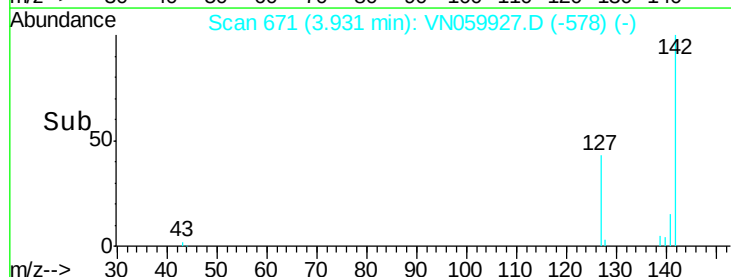
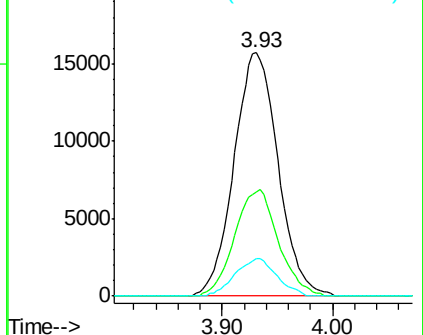
141 14.5 11.7 17.5

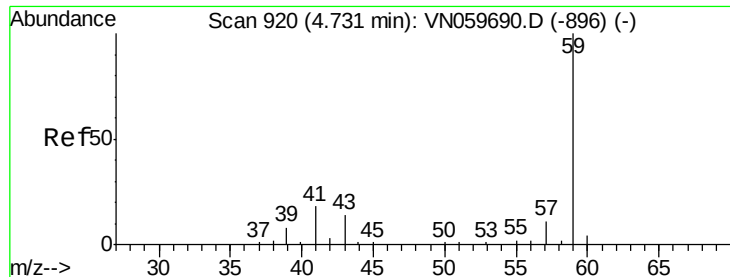


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

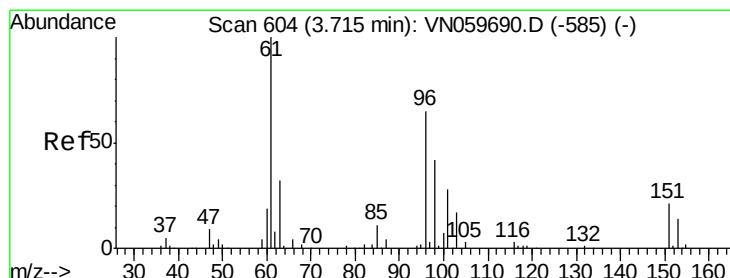
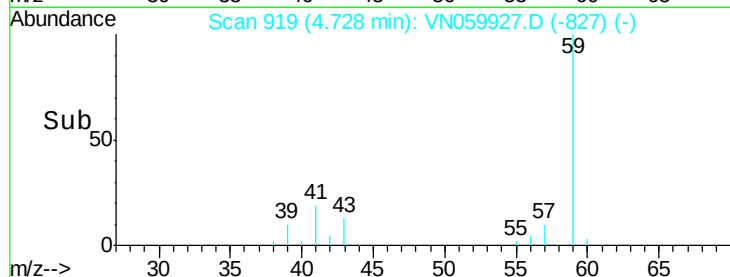
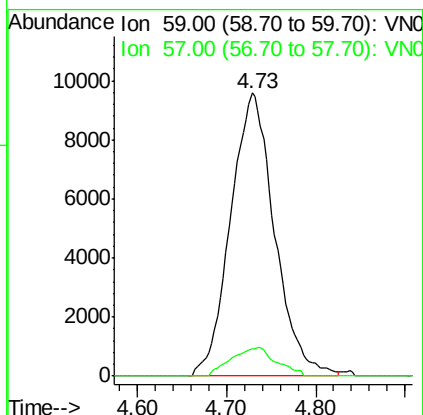
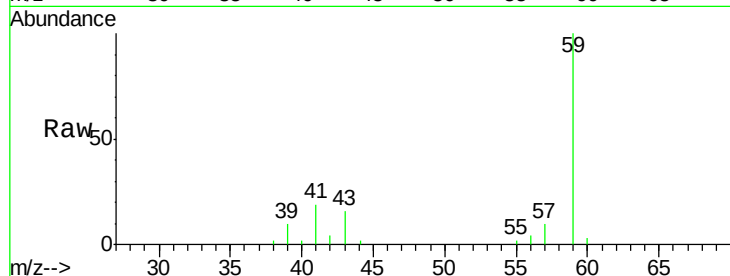




#11
Tert butyl alcohol
Concen: 94.118 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

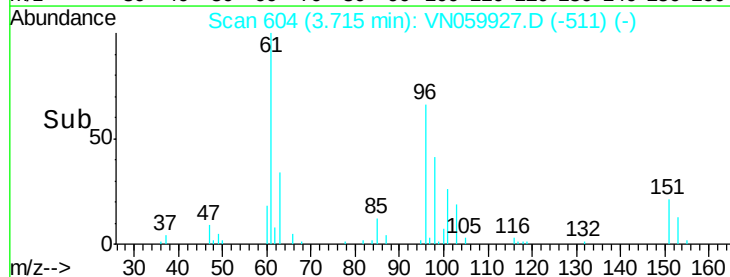
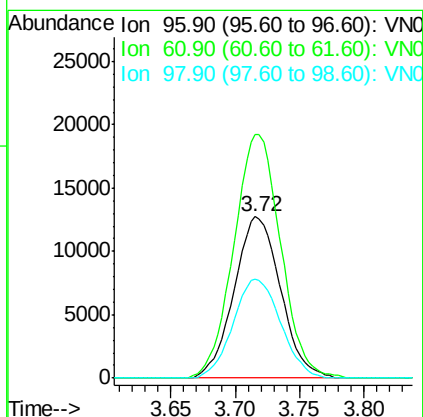
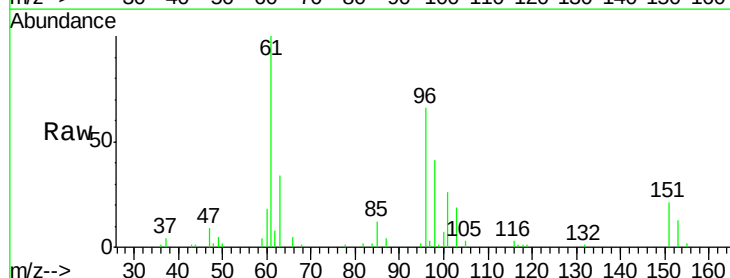
Instrument :
MSVOA_N
ClientSampled :

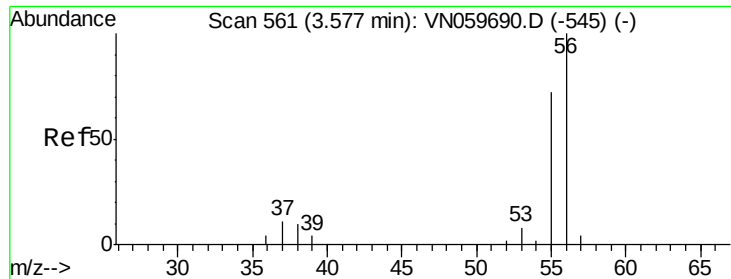
Tot Ion: 59 Resp: 32830
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.731 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 96 Resp: 31974
Ion Ratio Lower Upper
96 100
61 151.0 137.5 206.3
98 61.6 50.2 75.4





#13

Acrolein

Concen: 52.357 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

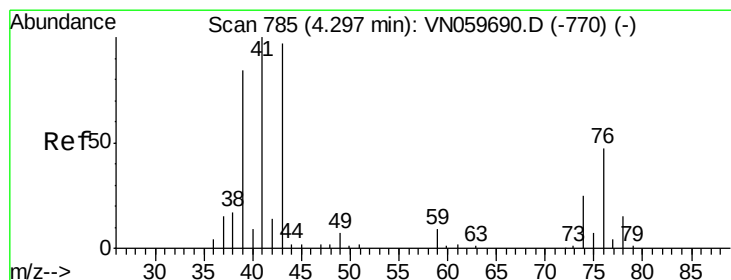
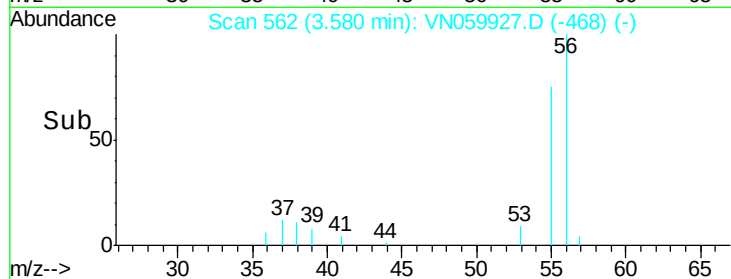
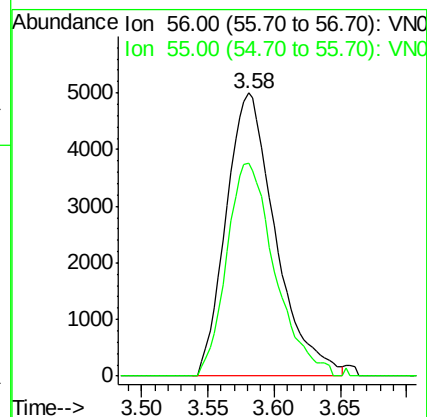
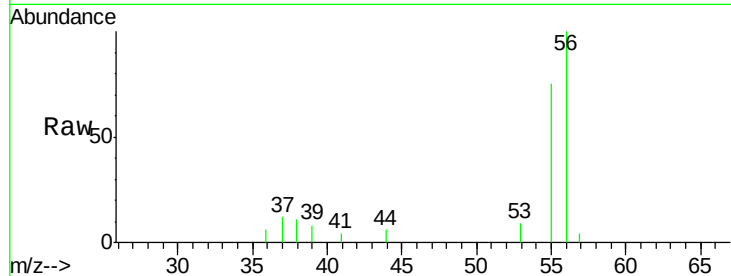
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12928

Ion Ratio Lower Upper

56 100

55 73.4 58.6 88.0



#14

Allyl chloride

Concen: 19.117 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

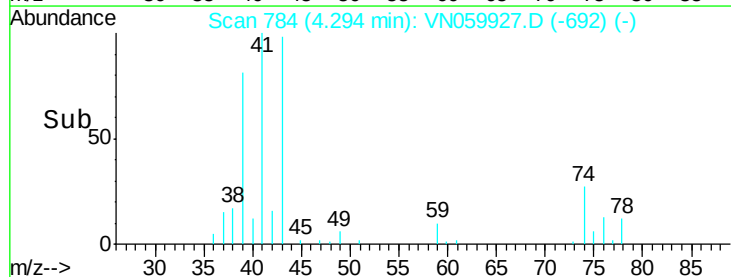
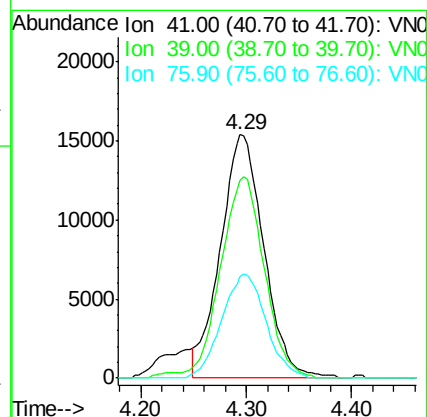
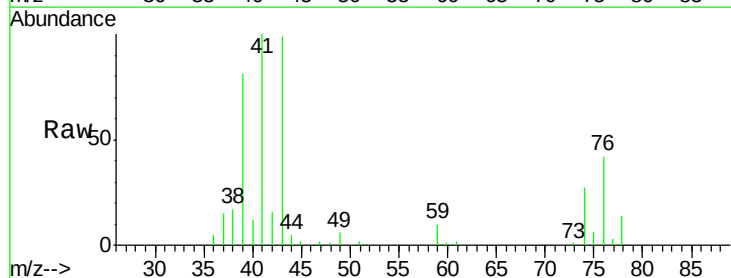
Tgt Ion: 41 Resp: 43985

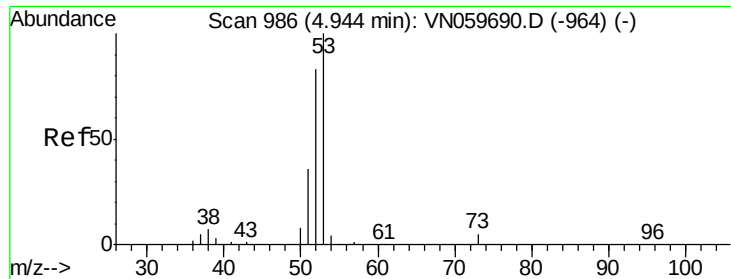
Ion Ratio Lower Upper

41 100

39 82.7 57.8 86.8

76 43.4 25.4 38.0#





#15

Acrylonitrile

Concen: 97.908 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

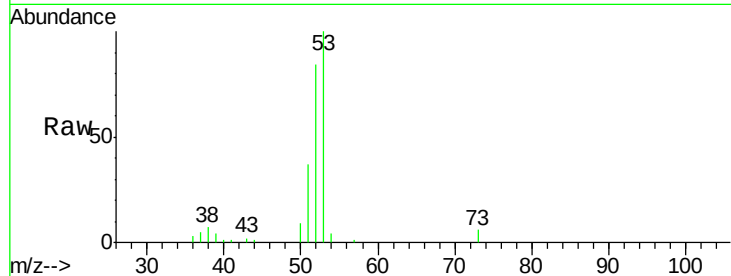
Tot Ion: 53 Resp: 77904

Ion Ratio Lower Upper

53 100

52 81.7 66.3 99.5

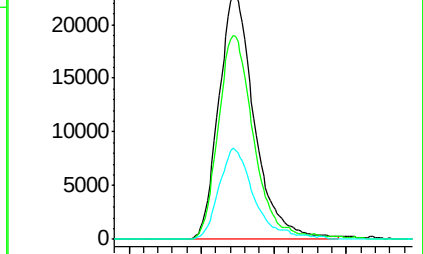
51 36.7 29.7 44.5



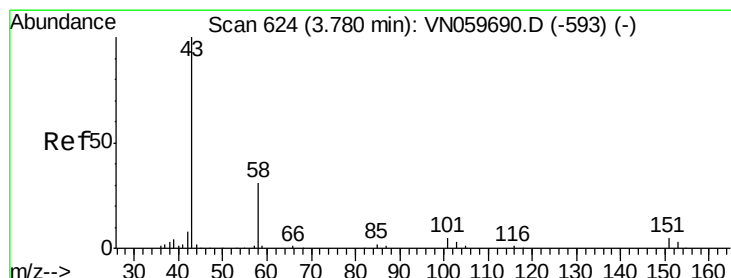
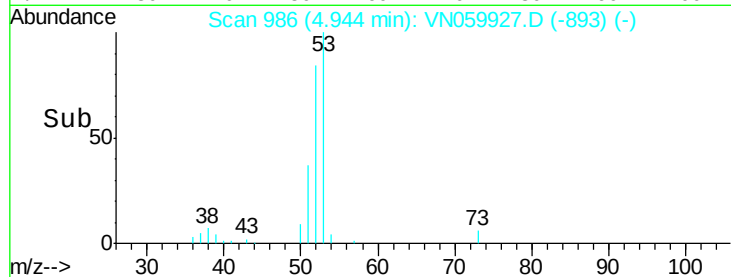
Abundance Ion 53.00 (52.70 to 53.70): VN059927.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059927.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059927.D (-893) (-)



Time-->



#16

Acetone

Concen: 107.148 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059927.D

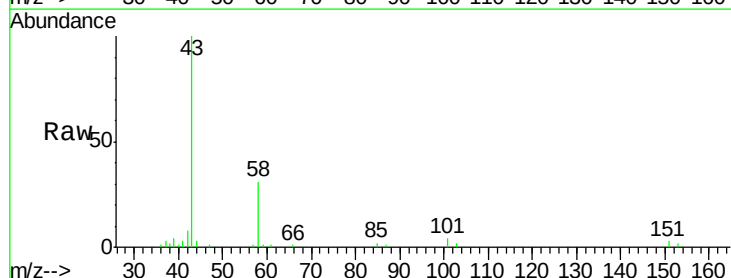
Acq: 30 Jan 2020 14:31

Tgt Ion: 43 Resp: 79766

Ion Ratio Lower Upper

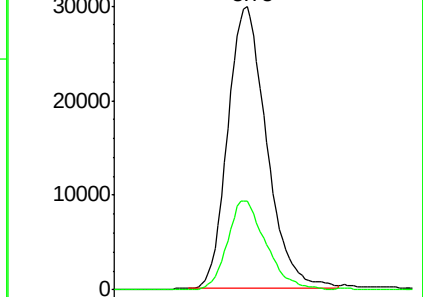
43 100

58 31.3 23.6 35.4

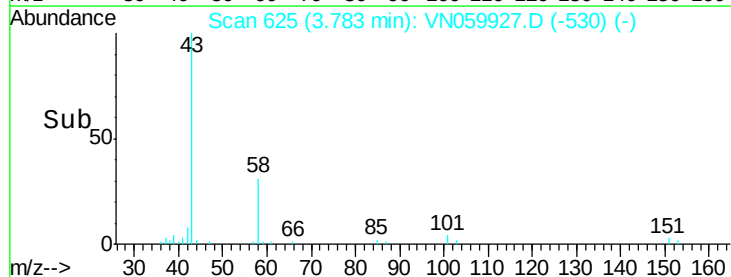


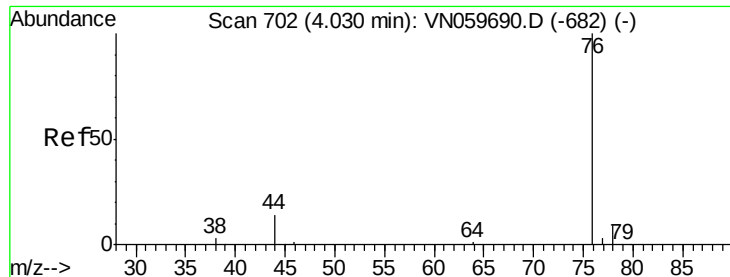
Abundance Ion 43.00 (42.70 to 43.70): VN059927.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059927.D (-530) (-)



Time-->





#17

Carbon Disulfide

Concen: 15.990 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

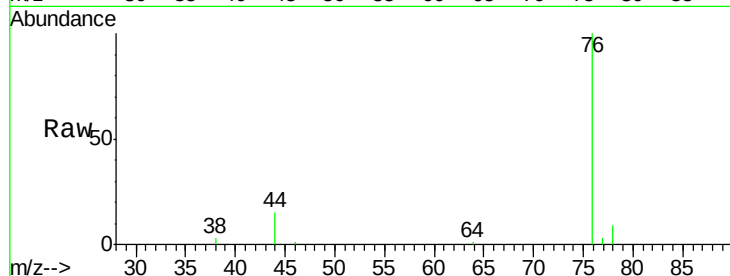
ClientSampleId :

Tot Ion: 76 Resp: 77755

Ion Ratio Lower Upper

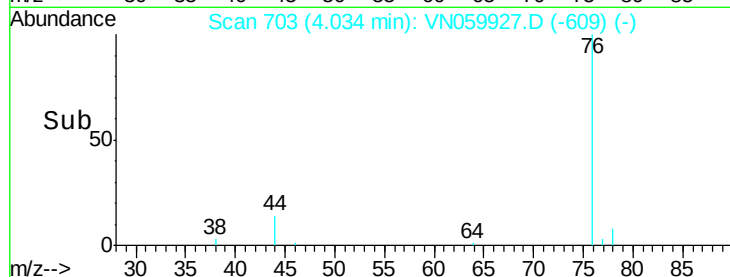
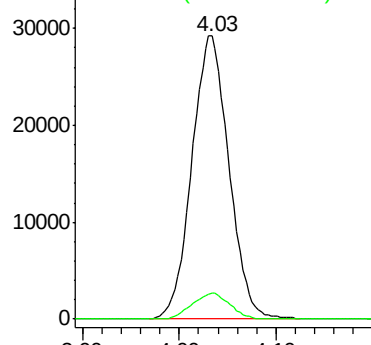
76 100

78 9.2 7.4 11.0

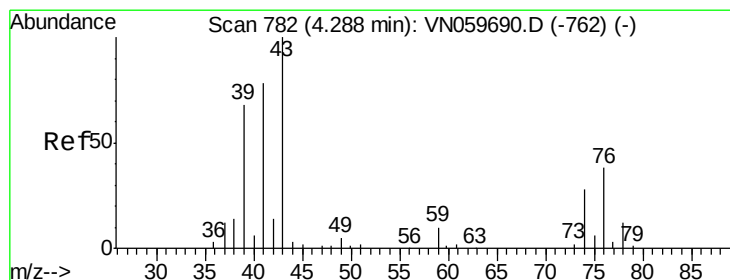


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time--> 3.90 4.00 4.10



#18

Methyl Acetate

Concen: 19.662 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059927.D

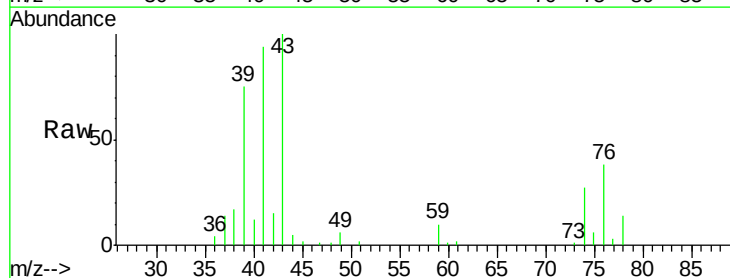
Acq: 30 Jan 2020 14:31

Tgt Ion: 43 Resp: 47587

Ion Ratio Lower Upper

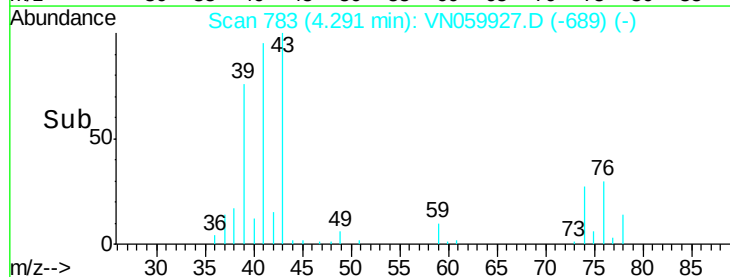
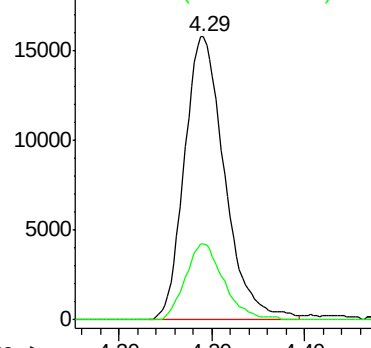
43 100

74 25.3 17.5 26.3

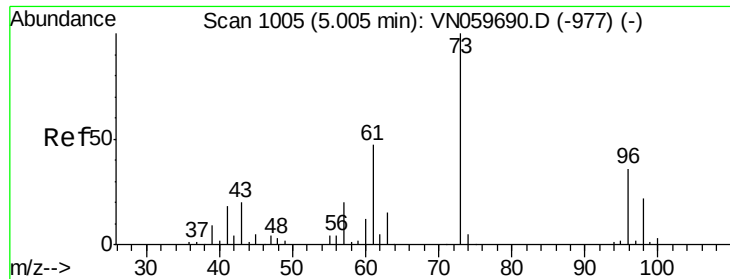


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



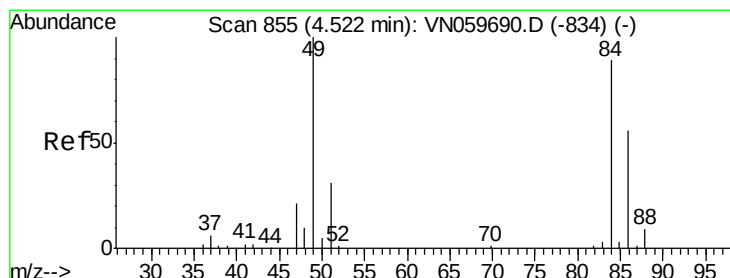
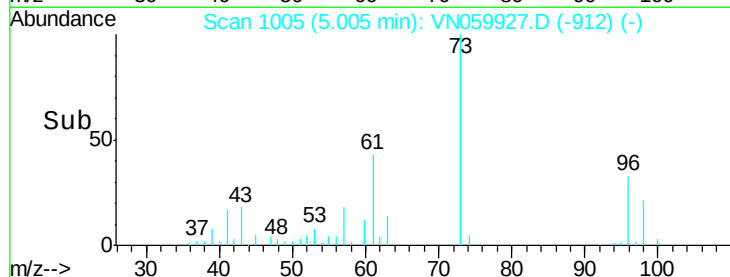
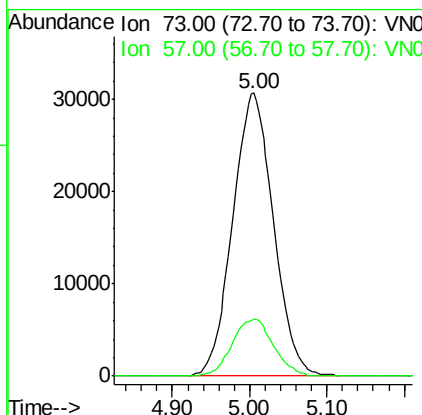
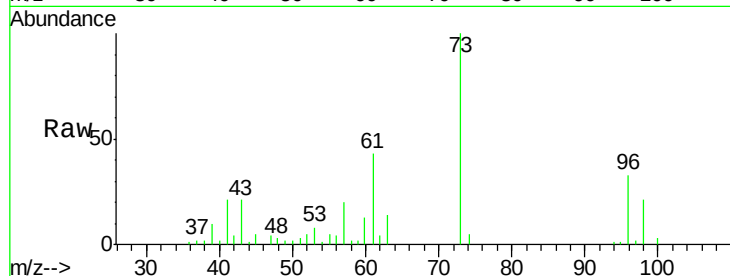
Time--> 4.20 4.30 4.40



#19
Methyl tert-butyl Ether
Concen: 20.135 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

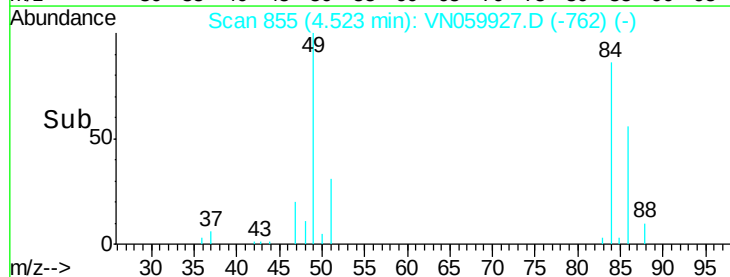
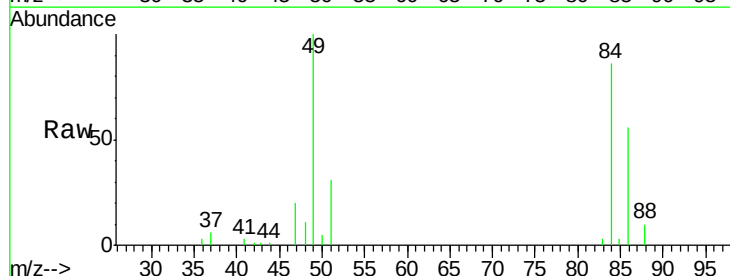
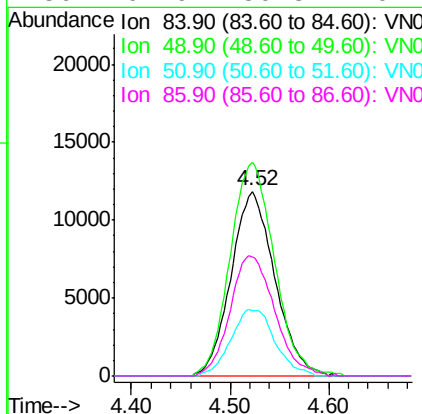
Instrument :
MSVOA_N
ClientSampled :

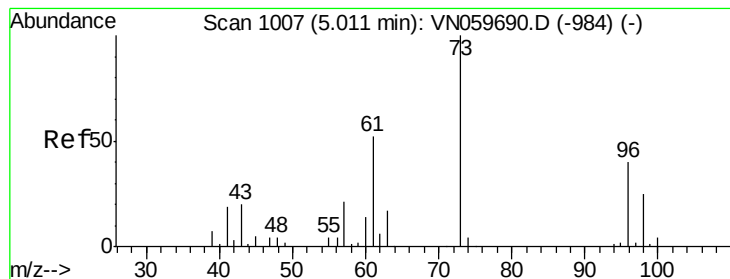
Tot Ion: 73 Resp: 112067
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8



#20
Methylene Chloride
Concen: 18.659 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 84 Resp: 36499
Ion Ratio Lower Upper
84 100
49 115.8 106.6 160.0
51 35.8 31.9 47.9
86 64.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.797 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

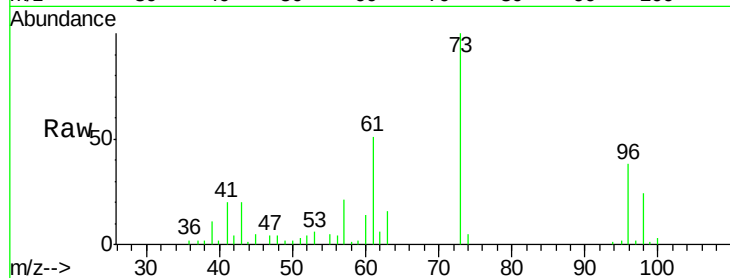
Tot Ion: 96 Resp: 34109

Ion Ratio Lower Upper

96 100

61 132.7 120.4 180.6

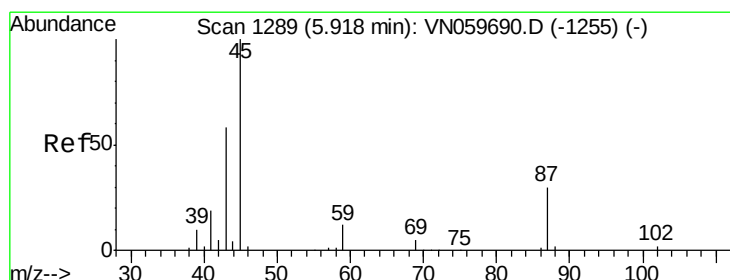
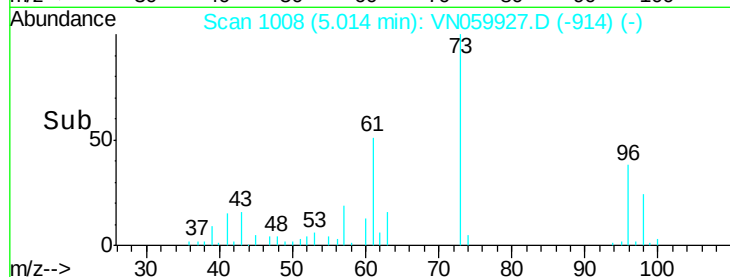
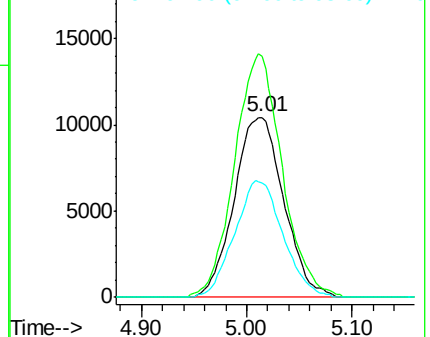
98 63.5 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059927.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VN059927.D (-984) (-)

Ion 97.90 (97.60 to 98.60): VN059927.D (-984) (-)



#22

Diisopropyl ether

Concen: 19.881 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Tgt Ion: 45 Resp: 103662

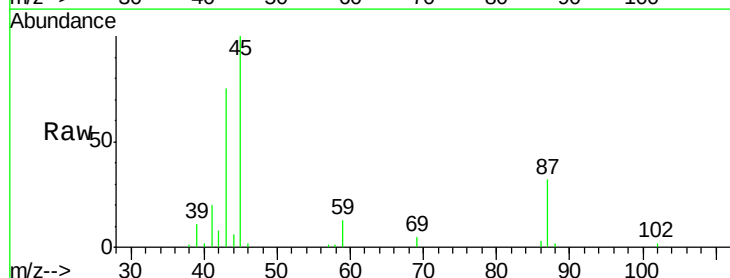
Ion Ratio Lower Upper

45 100

43 72.9 50.8 76.2

87 32.0 21.0 31.6

59 13.3 9.1 13.7

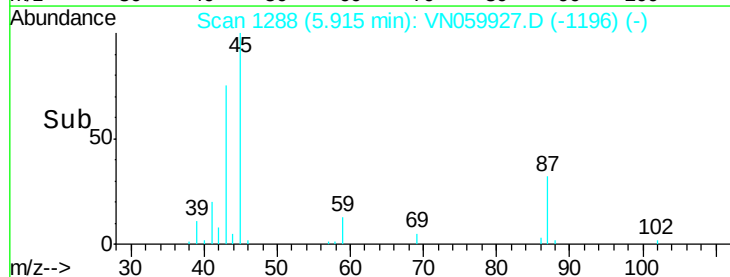
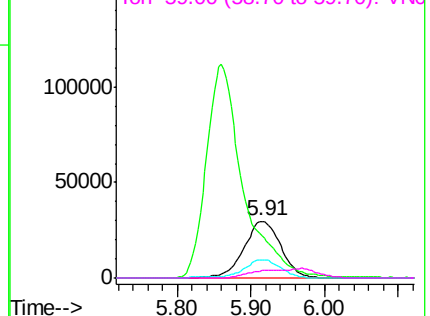


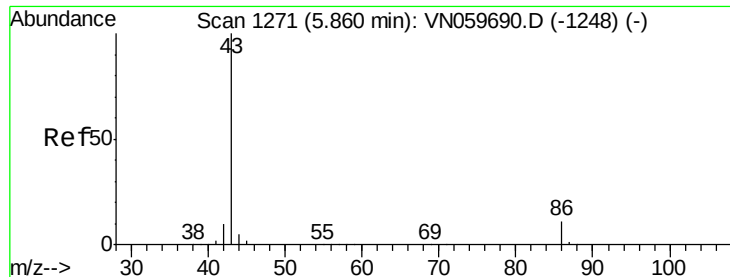
Abundance Ion 45.00 (44.70 to 45.70): VN059927.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN059927.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN059927.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN059927.D (-1255) (-)





#23

Vinyl Acetate

Concen: 96.685 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

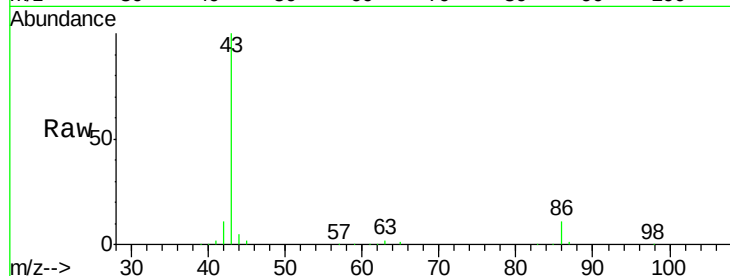
ClientSampleId :

Tot Ion: 43 Resp: 390325

Ion Ratio Lower Upper

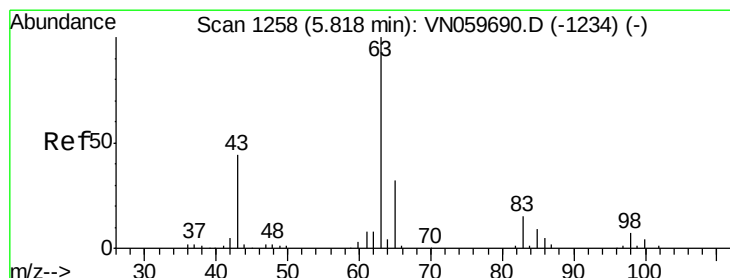
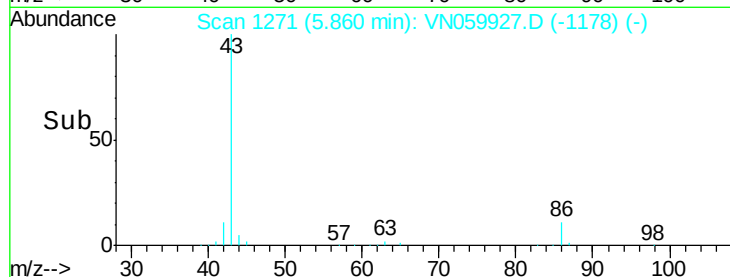
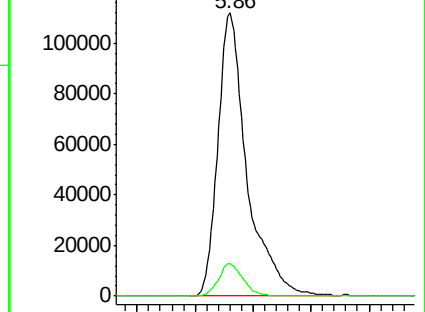
43 100

86 11.5 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059927.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059927.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 19.623 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

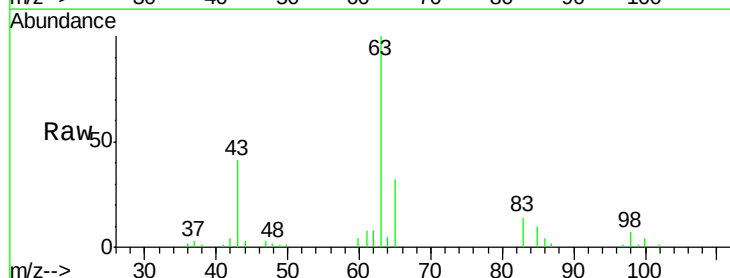
Tgt Ion: 63 Resp: 62520

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.7

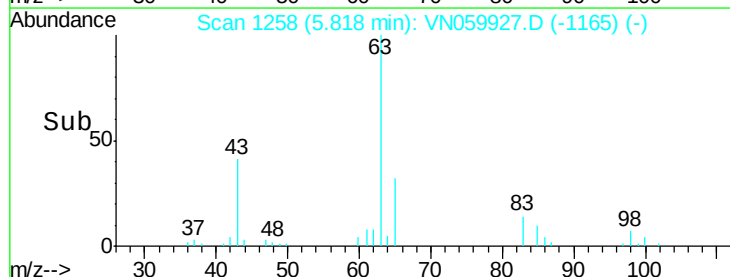
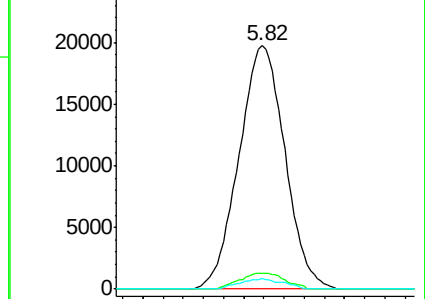
100 4.1 2.0 6.0

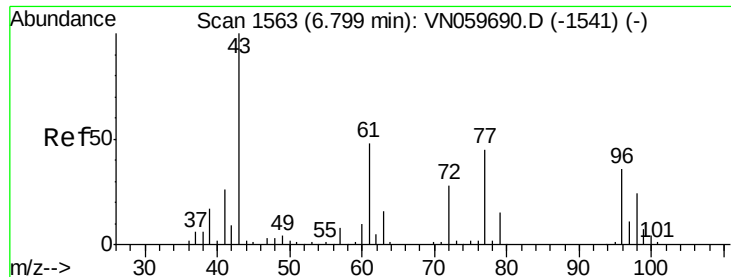


Abundance Ion 62.90 (62.60 to 63.60): VN059927.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059927.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059927.D (-1165) (-)

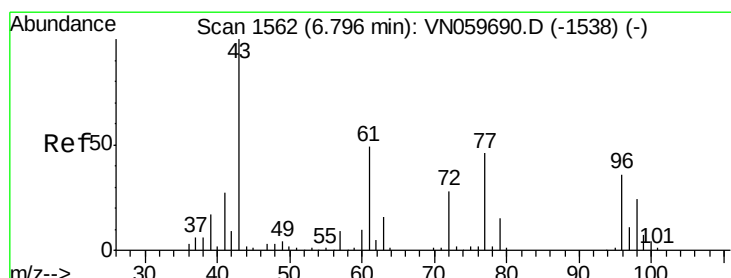
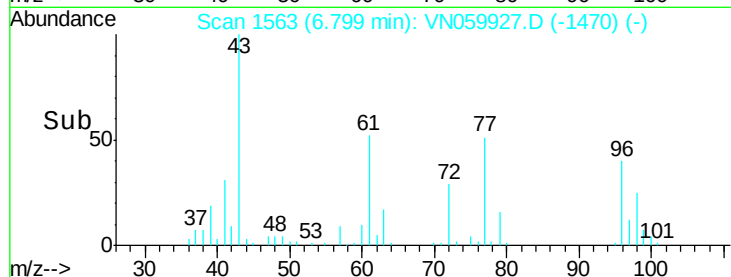
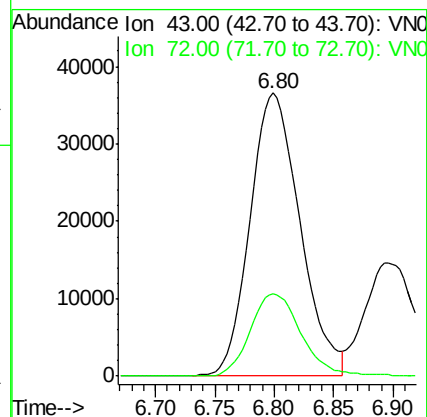
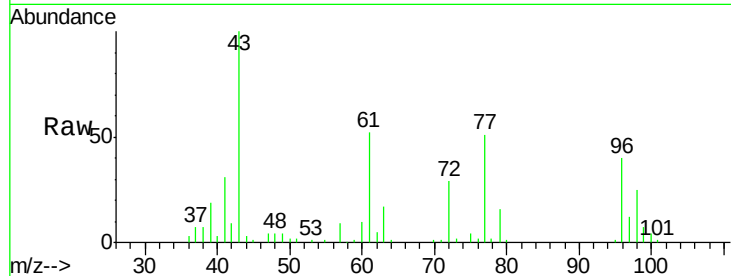




#25
2-Butanone
Concen: 90.838 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

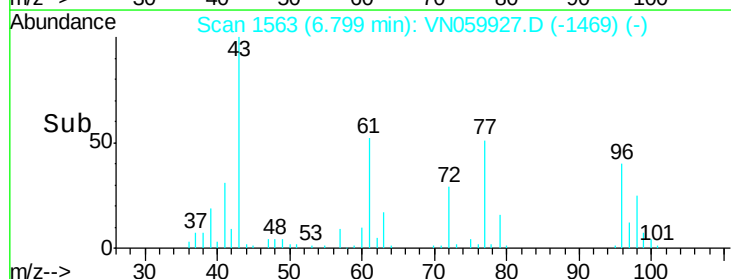
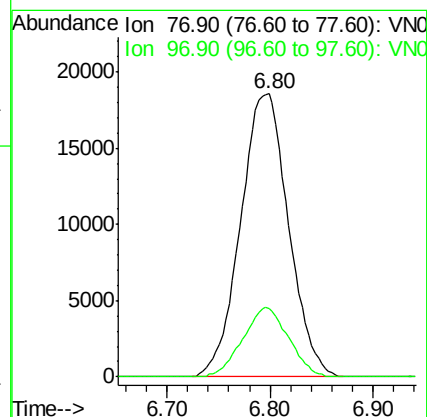
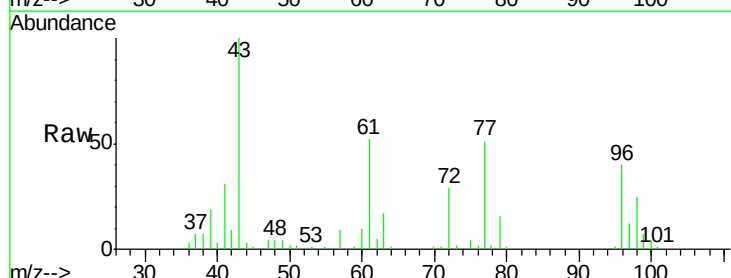
Instrument :
MSVOA_N
ClientSampled :

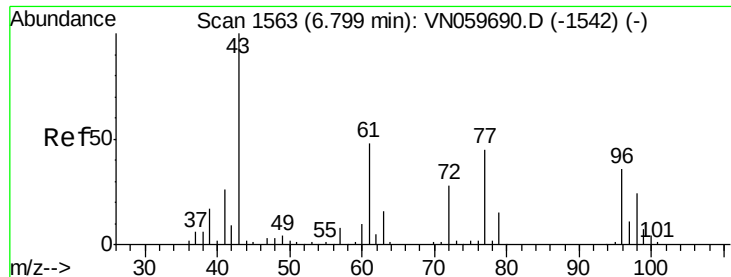
Tot Ion: 43 Resp: 106588
Ion Ratio Lower Upper
43 100
72 29.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.565 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 77 Resp: 59926
Ion Ratio Lower Upper
77 100
97 23.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 20.041 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampled :

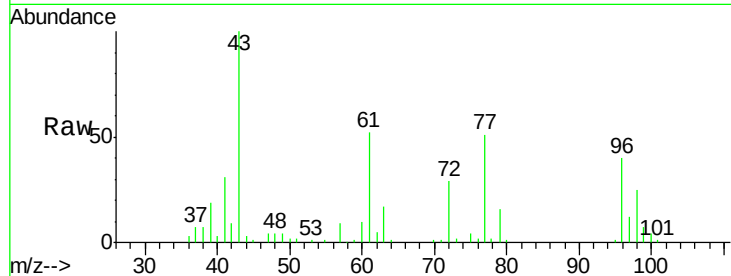
Tot Ion: 96 Resp: 41826

Ion Ratio Lower Upper

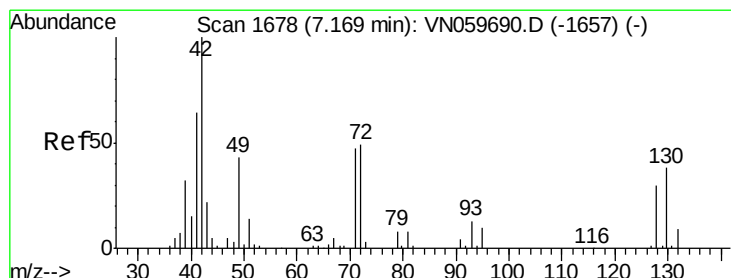
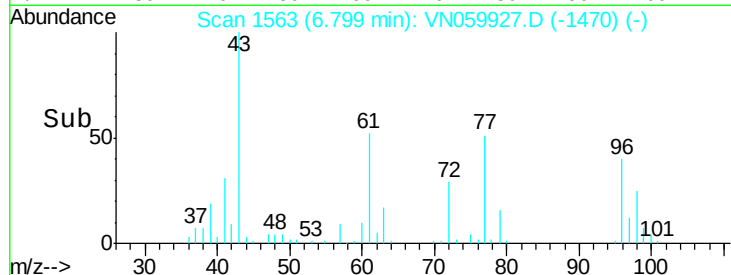
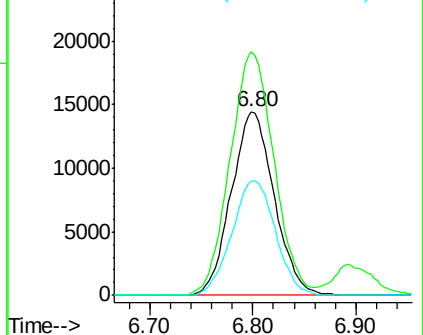
96 100

61 135.9 0.0 317.6

98 63.3 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.536 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

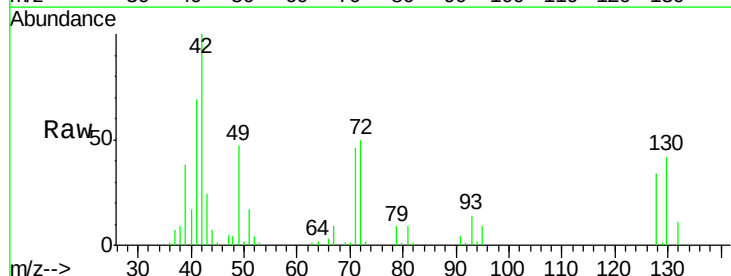
Tgt Ion: 49 Resp: 24877

Ion Ratio Lower Upper

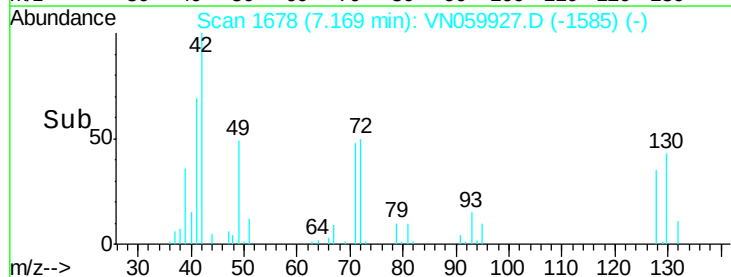
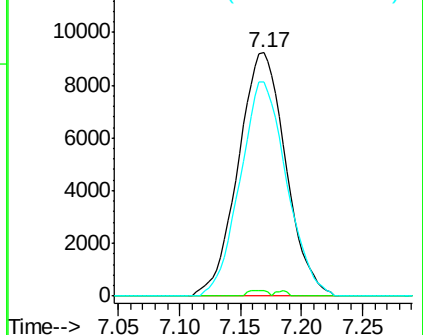
49 100

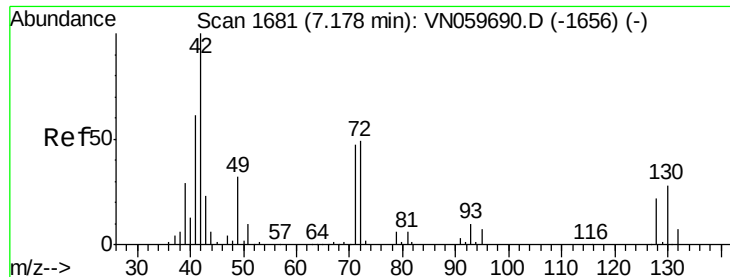
129 0.9 0.0 3.4

130 86.2 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

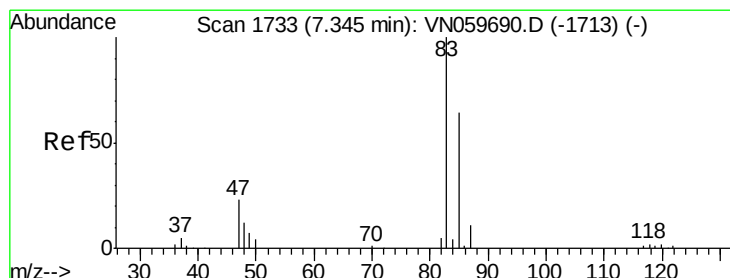
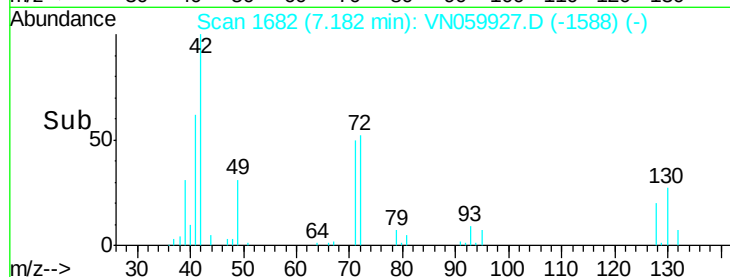
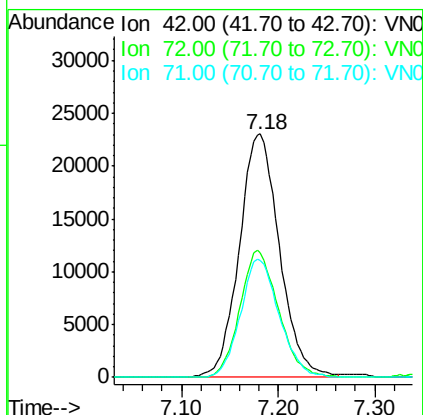
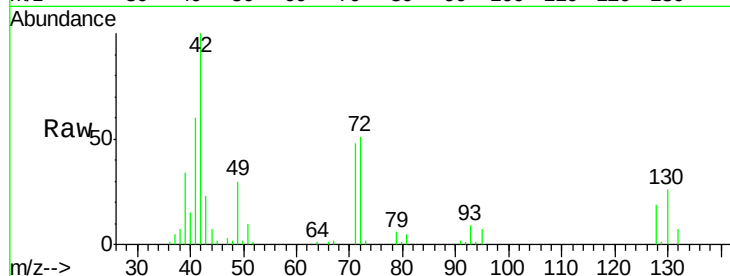




#29
Tetrahydrofuran
Concen: 91.789 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

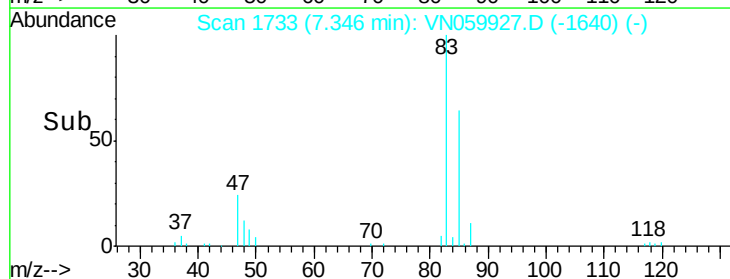
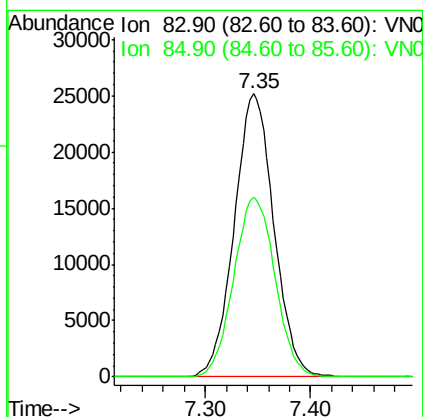
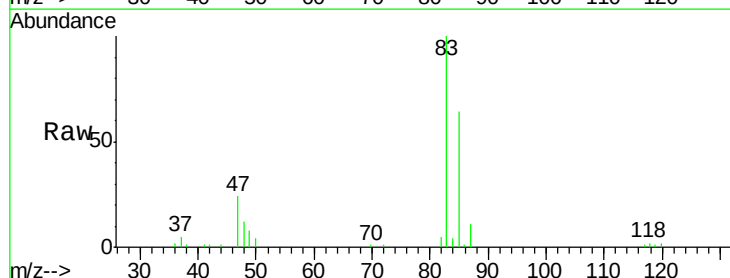
Instrument :
MSVOA_N
ClientSampled :

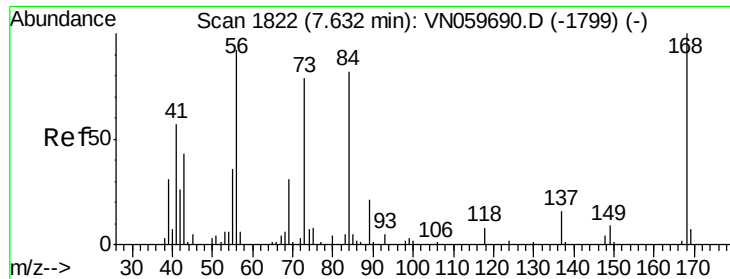
Tot Ion: 42 Resp: 66639
Ion Ratio Lower Upper
42 100
72 49.8 33.1 49.7#
71 46.7 31.4 47.0



#30
Chloroform
Concen: 19.885 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 83 Resp: 65644
Ion Ratio Lower Upper
83 100
85 63.6 52.4 78.6

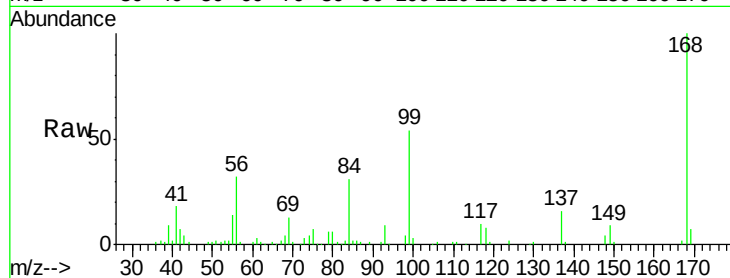




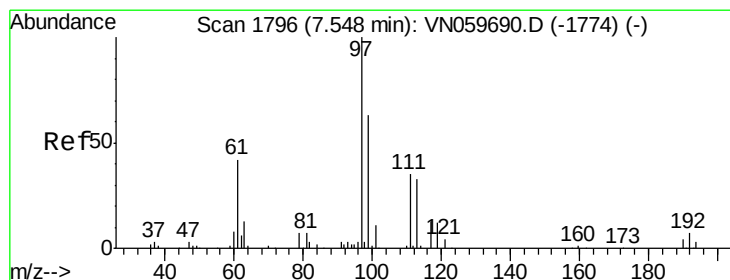
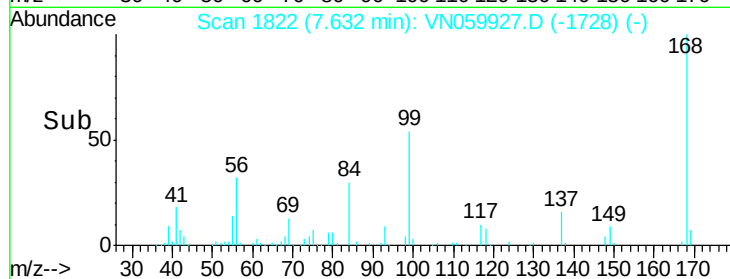
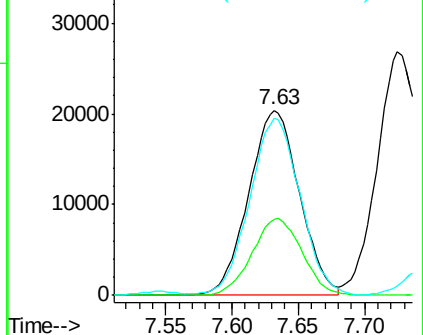
#31
Cyclohexane
Concen: 17.792 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 54545
Ion Ratio Lower Upper
56 100
69 41.3 26.5 39.7#
84 94.9 65.3 97.9

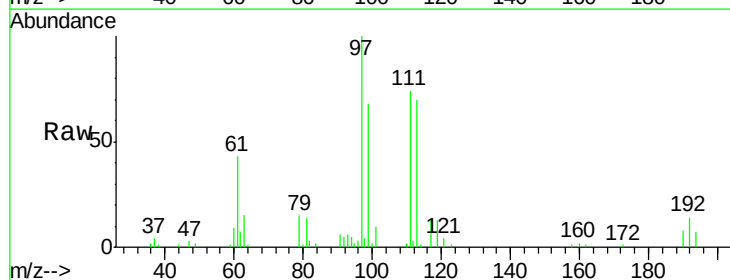


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

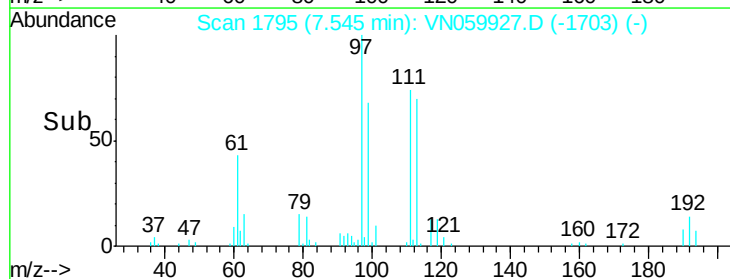
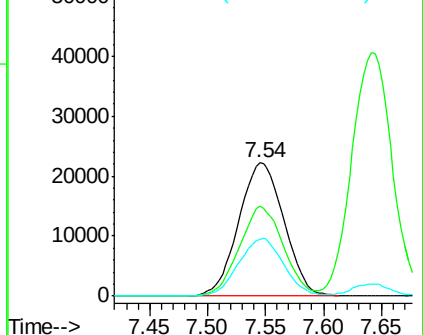


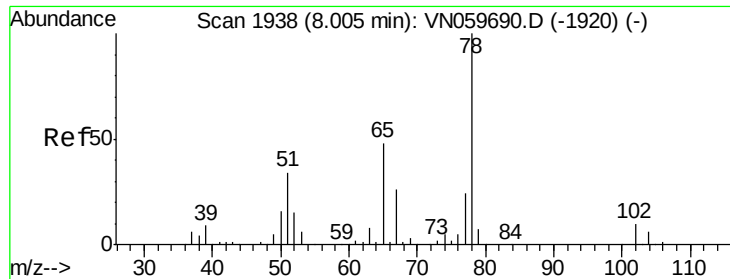
#32
1,1,1-Trichloroethane
Concen: 19.833 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 97 Resp: 60534
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 42.6 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

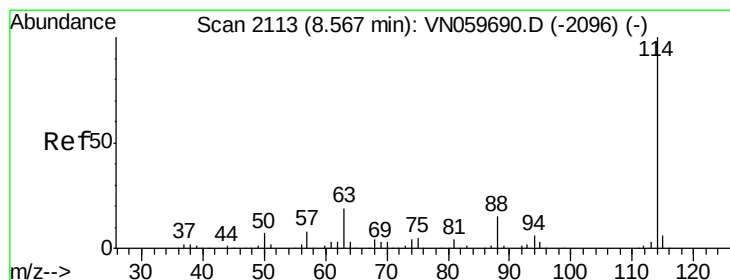
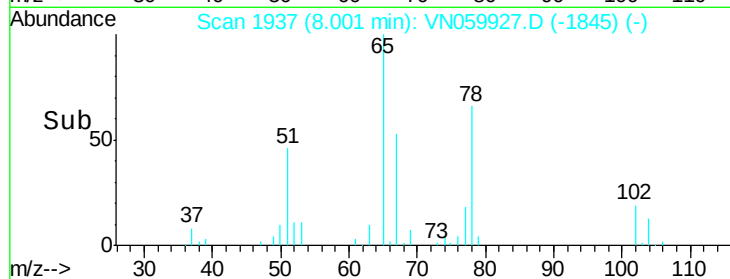
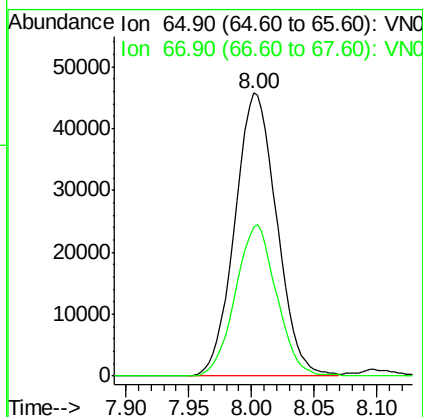
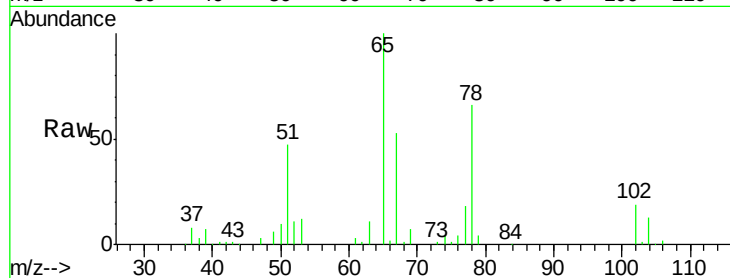




#33
 1,2-Dichloroethane-d4
 Concen: 51.331 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

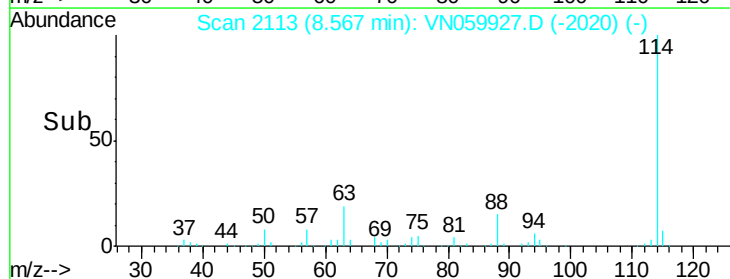
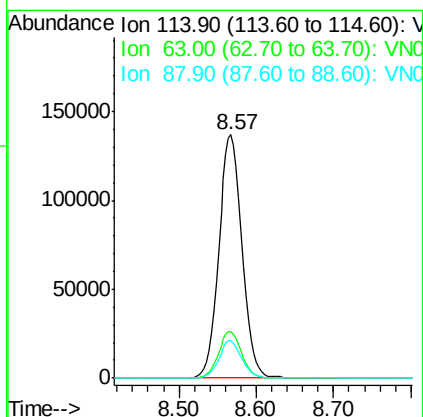
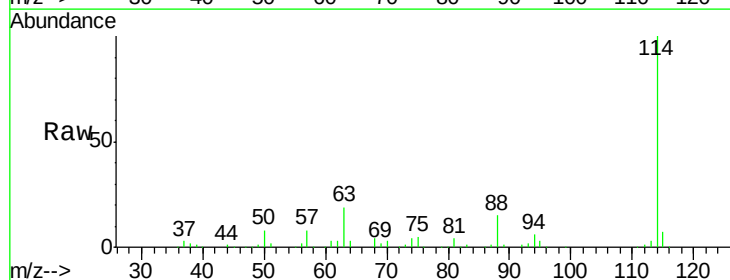
Instrument :
 MSVOA_N
 ClientSampled :

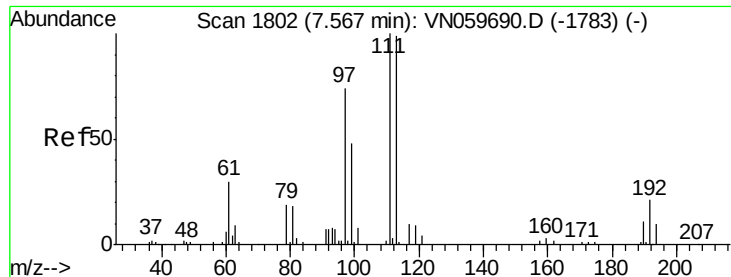
Tot Ion: 65 Resp: 106360
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion: 114 Resp: 285062
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.6
 88 15.3 0.0 31.4

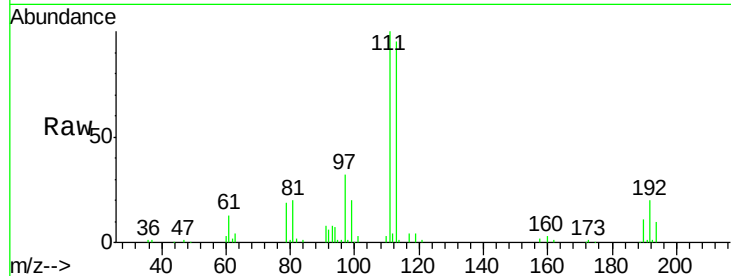




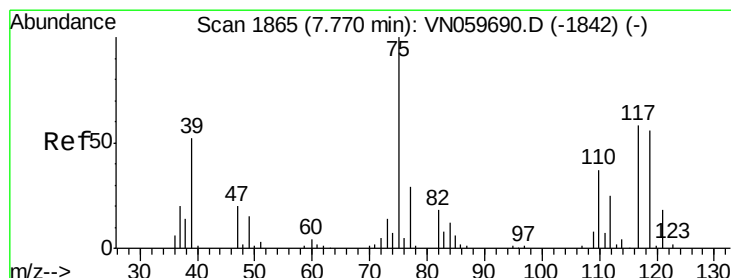
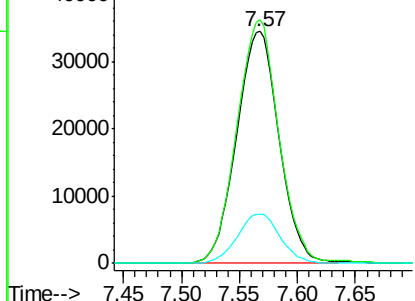
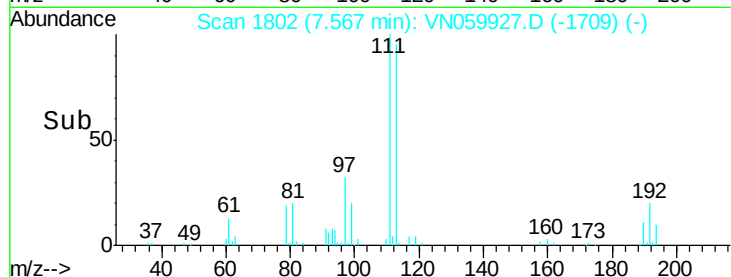
#35
 Dibromofluoromethane
 Concen: 51.553 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 87638
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.5 125.3
 192 21.3 15.4 23.2

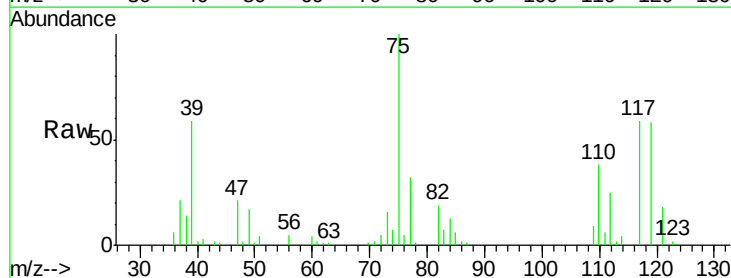


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

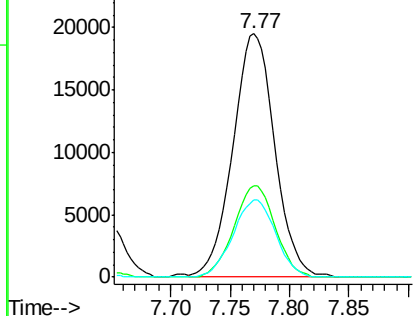
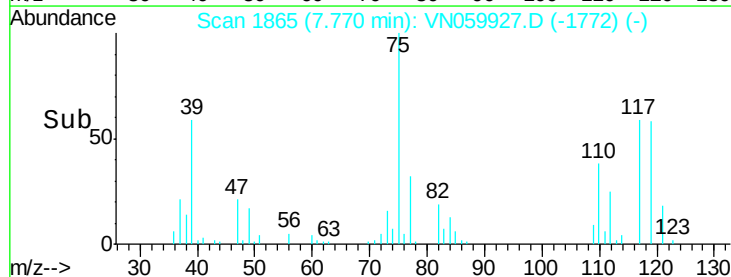


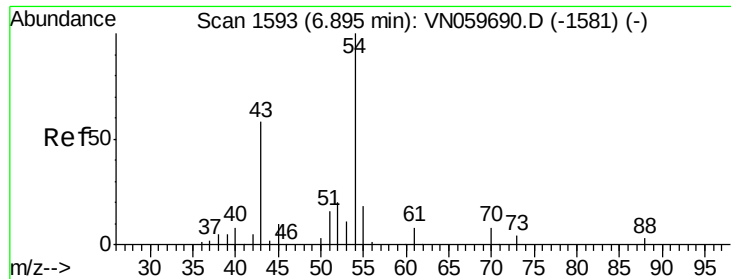
#36
 1,1-Dichloropropene
 Concen: 19.140 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion: 75 Resp: 47514
 Ion Ratio Lower Upper
 75 100
 110 36.9 16.6 49.7
 77 32.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

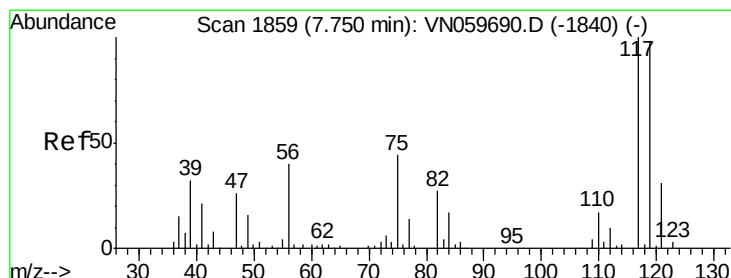
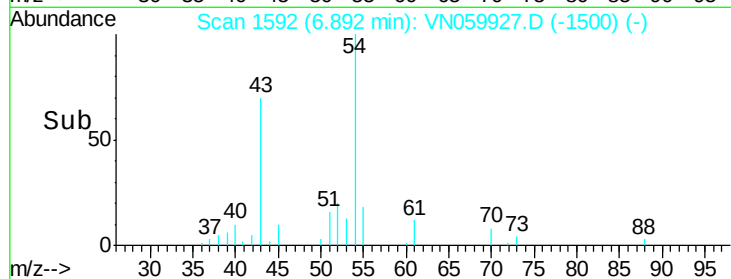
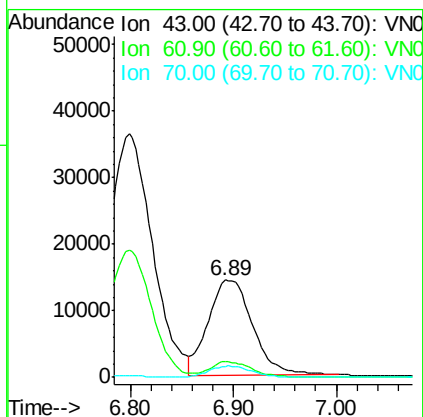
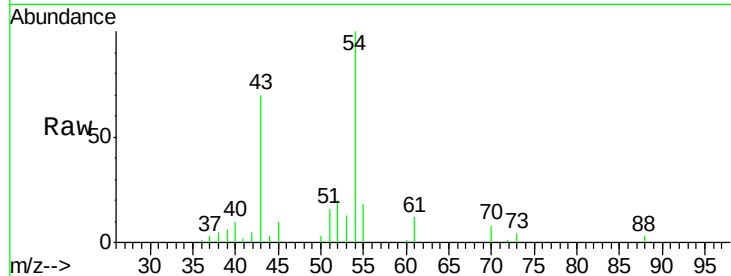




#37
Ethyl Acetate
Concen: 18.703 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

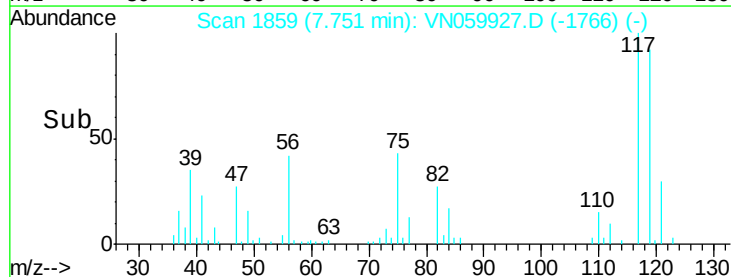
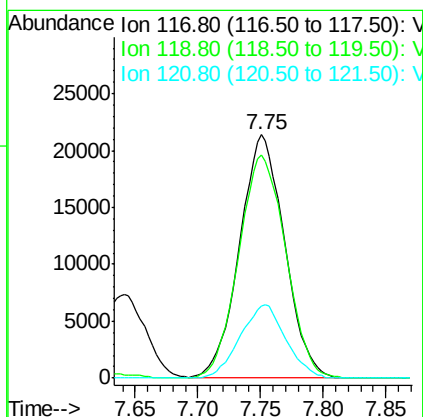
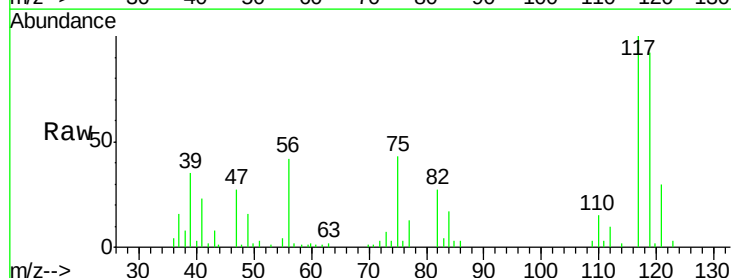
Instrument :
MSVOA_N
ClientSampled :

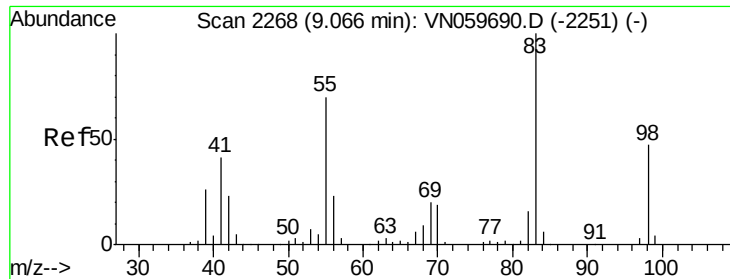
Tot Ion: 43 Resp: 43547
Ion Ratio Lower Upper
43 100
61 15.1 10.9 16.3
70 11.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.808 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 117 Resp: 53490
Ion Ratio Lower Upper
117 100
119 91.5 76.5 114.7
121 29.7 25.1 37.7

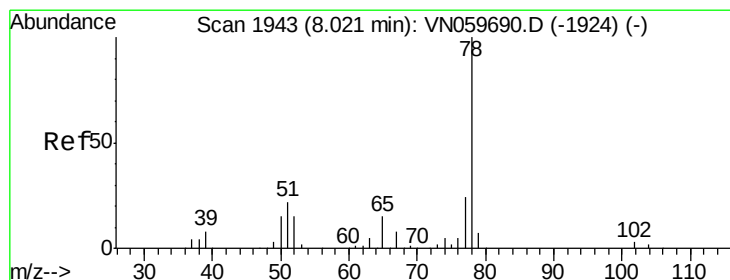
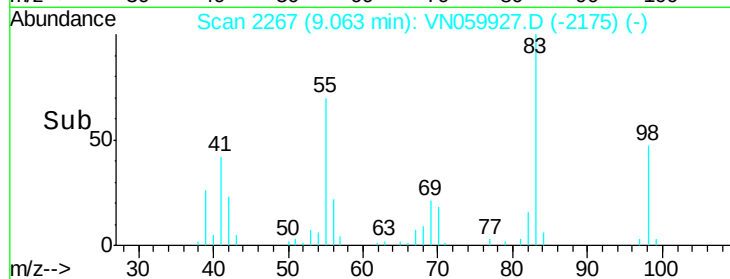
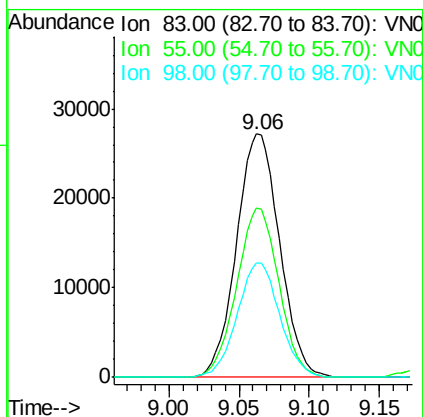
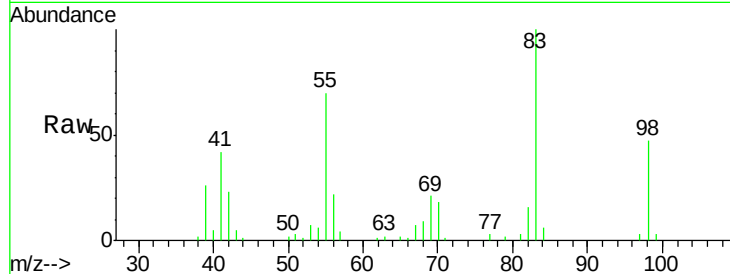




#39
Methylvlcyclohexane
Concen: 19.020 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

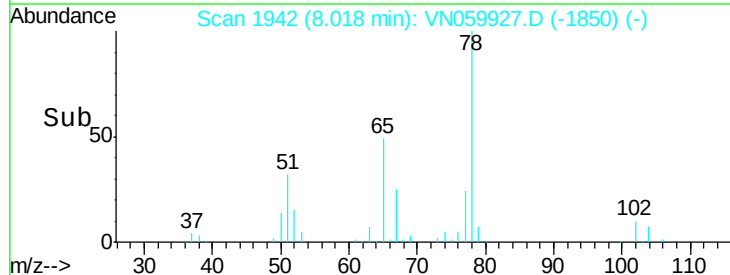
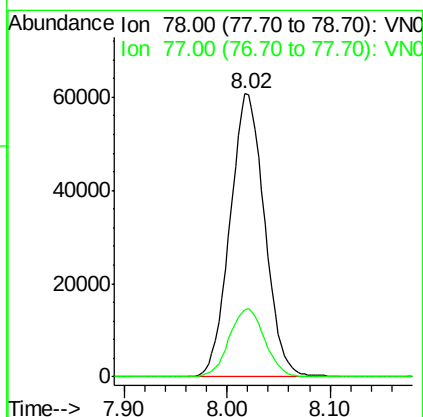
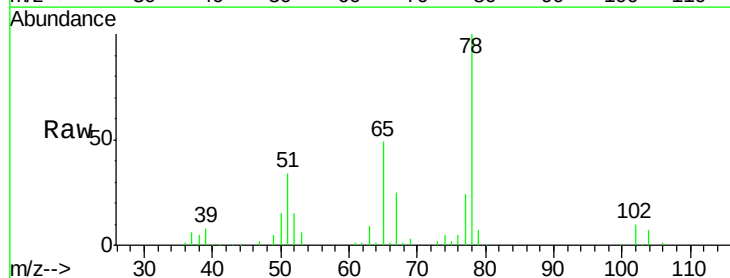
Instrument :
MSVOA_N
ClientSampleId :

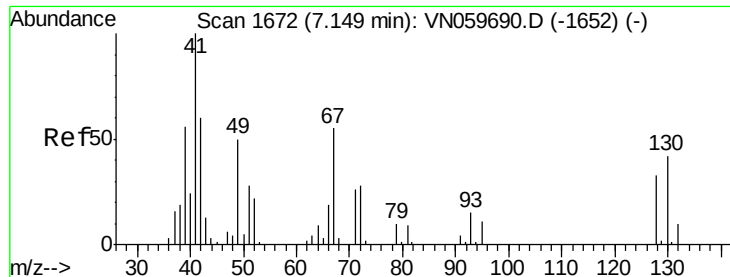
Tot Ion: 83 Resp: 58217
Ion Ratio Lower Upper
83 100
55 69.5 64.2 96.2
98 47.2 35.9 53.9



#40
Benzene
Concen: 19.156 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 78 Resp: 141818
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

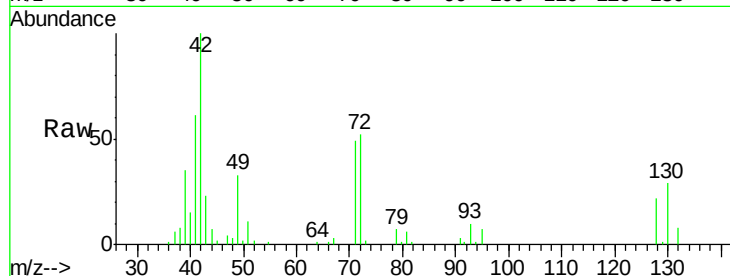




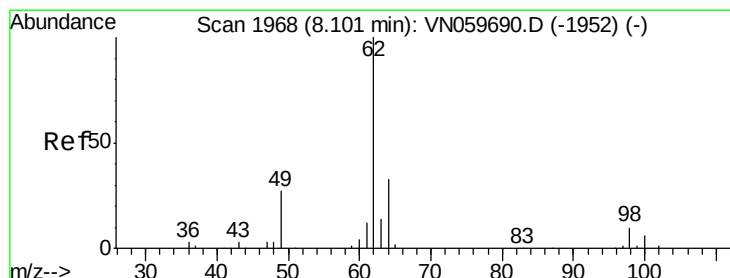
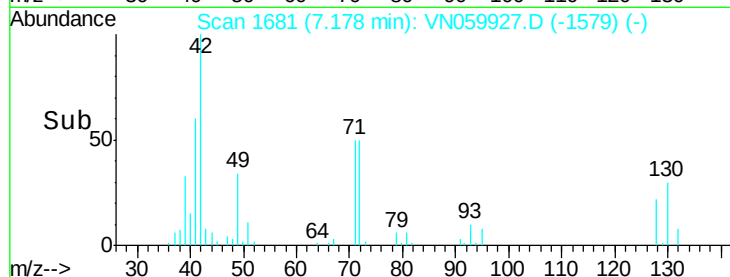
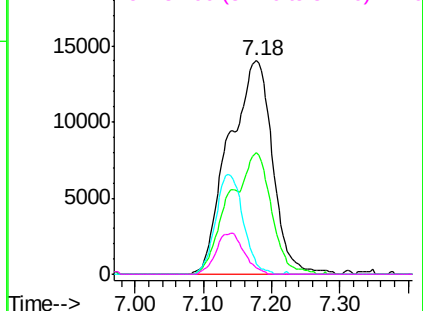
#41
Methacrylonitrile
Concen: 54.365 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	62347
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

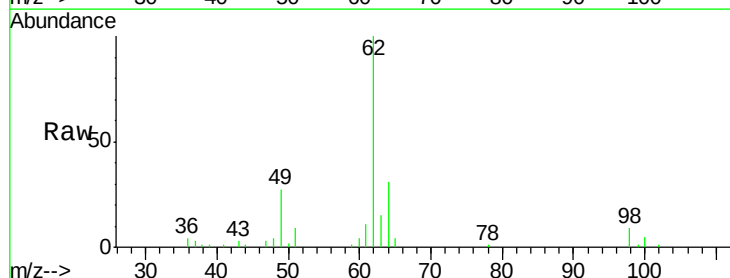


Abundance Ion 41.00 (40.70 to 41.70): VN059927.D (-1681) (-)

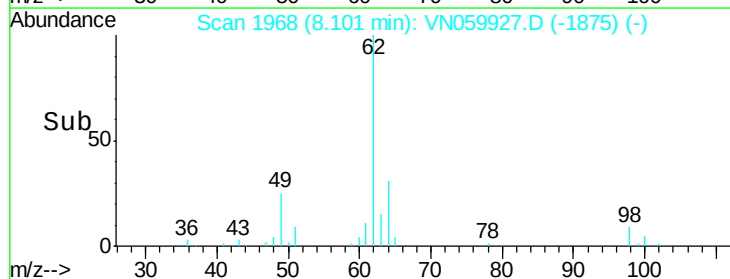
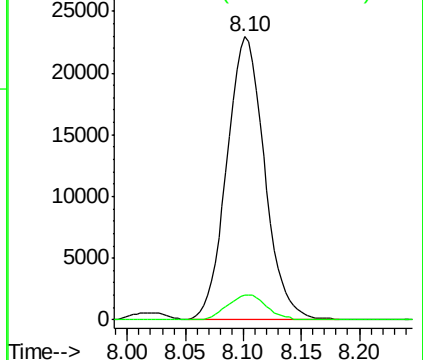


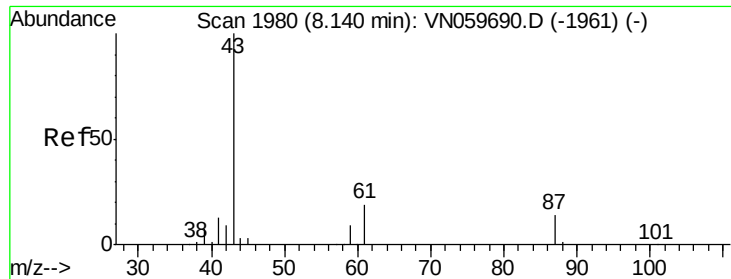
#42
1,2-Dichloroethane
Concen: 20.666 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion:	62	Resp:	51876
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN059927.D (-1968) (-)





#43

Isopropyl Acetate

Concen: 18.817 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

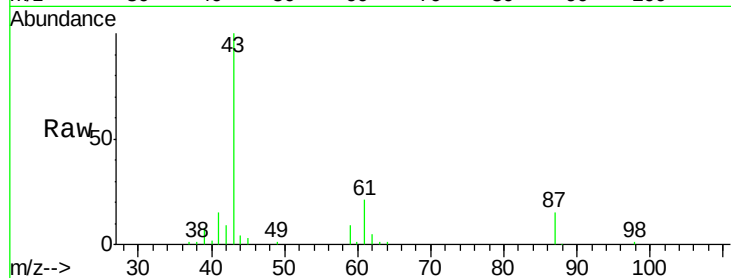
Tot Ion: 43 Resp: 75359

Ion Ratio Lower Upper

43 100

61 28.2 20.2 30.2

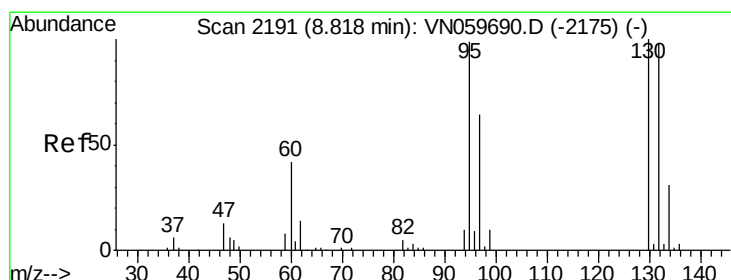
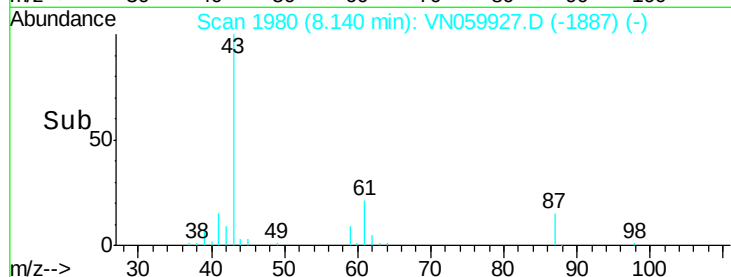
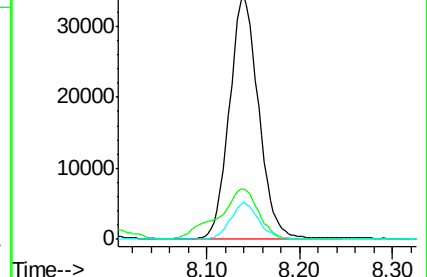
87 14.5 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059927.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059927.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059927.D (-1961) (-)



#44

Trichloroethene

Concen: 20.721 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059927.D

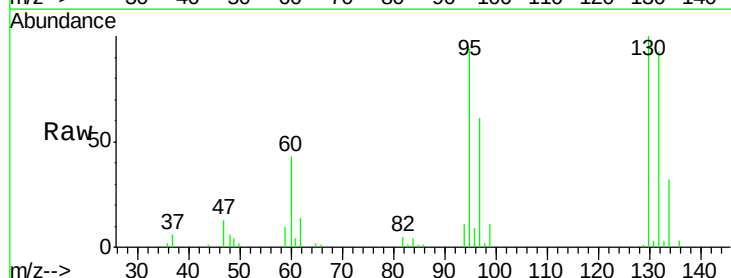
Acq: 30 Jan 2020 14:31

Tgt Ion:130 Resp: 41879

Ion Ratio Lower Upper

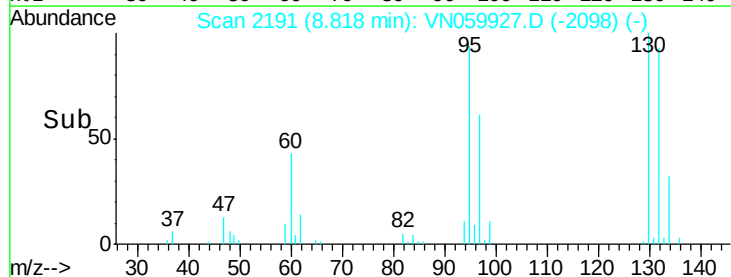
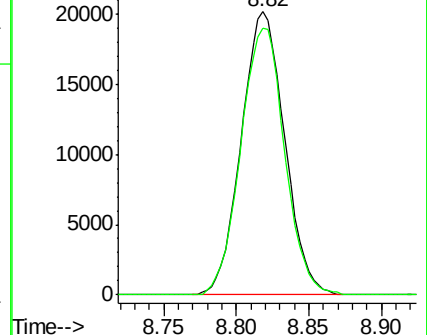
130 100

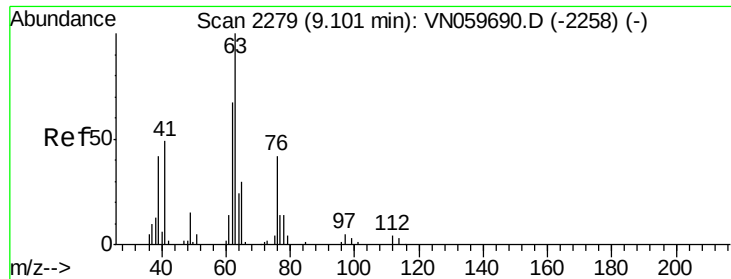
95 94.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059927.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059927.D (-2191) (-)

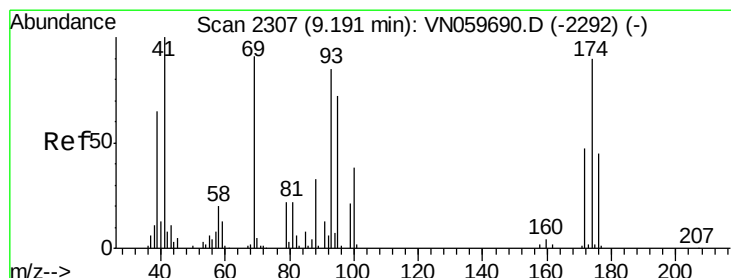
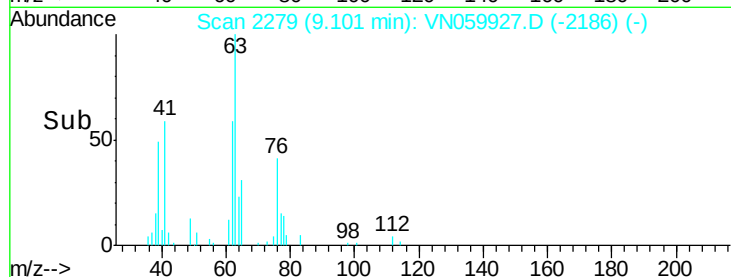
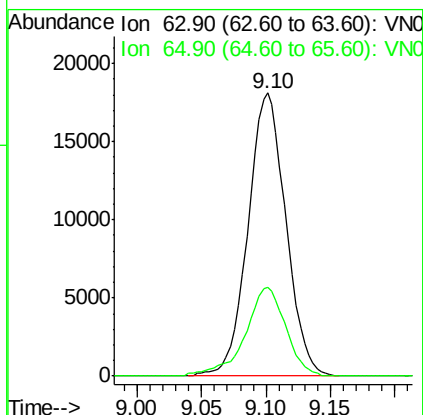
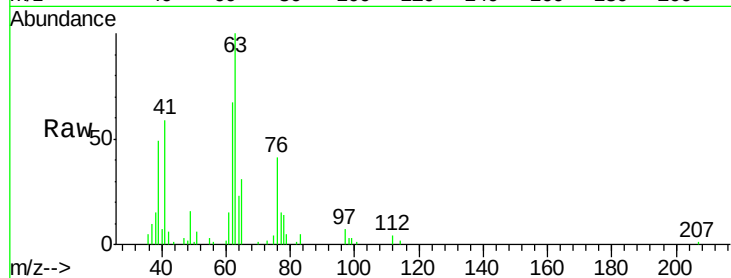




#45
1,2-Dichloropropane
Concen: 20.245 ug/l
RT: 9.10 min Scan# 2279
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

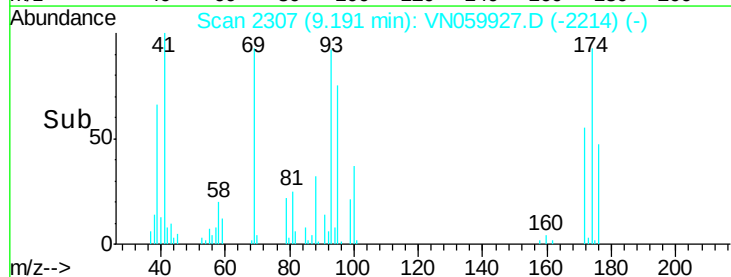
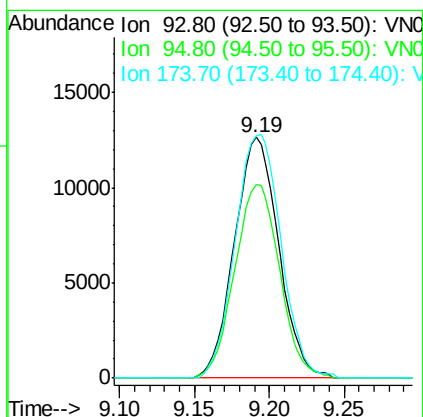
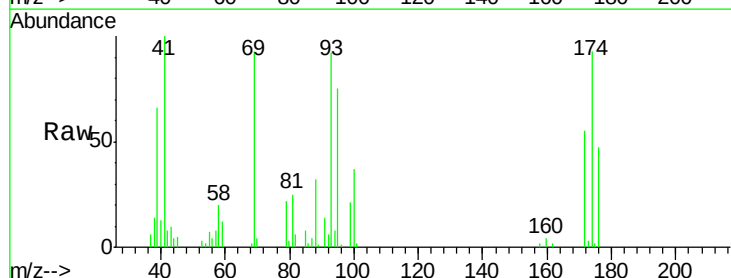
Instrument :
MSVOA_N
ClientSampled :

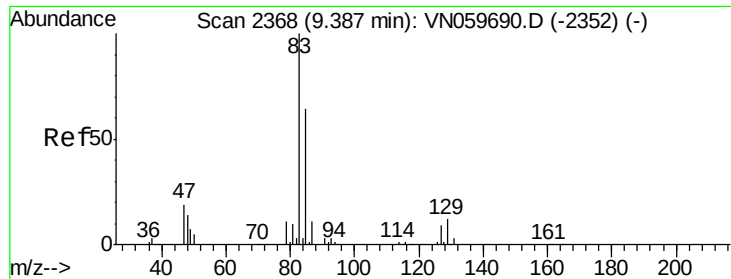
Tot Ion: 63 Resp: 37088
Ion Ratio Lower Upper
63 100
65 31.5 24.9 37.3



#46
Dibromomethane
Concen: 20.150 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 93 Resp: 26040
Ion Ratio Lower Upper
93 100
95 81.6 67.0 100.6
174 104.6 73.4 110.2

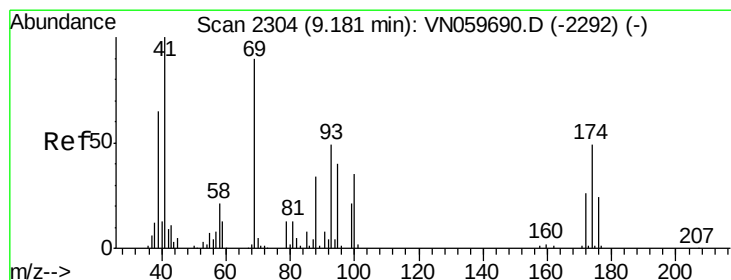
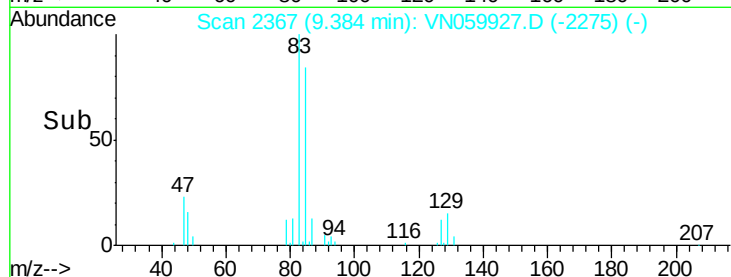
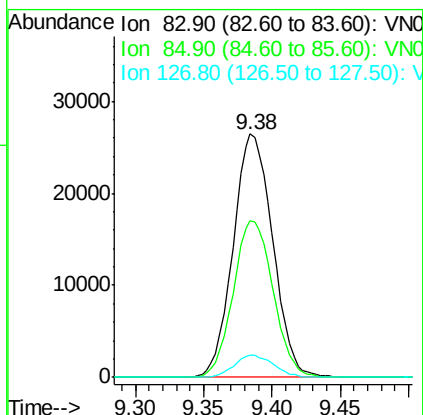
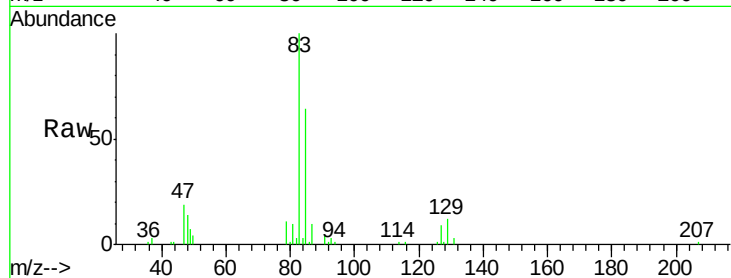




#47
Bromodichloromethane
Concen: 20.432 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

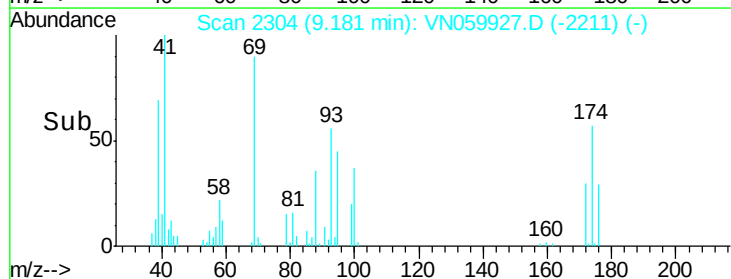
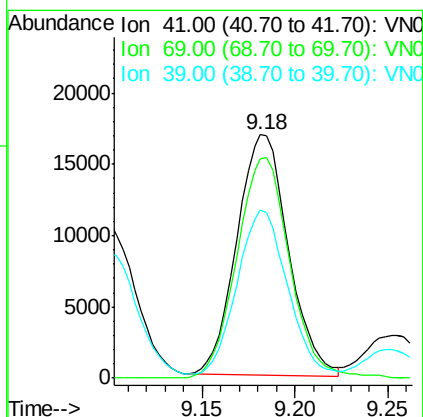
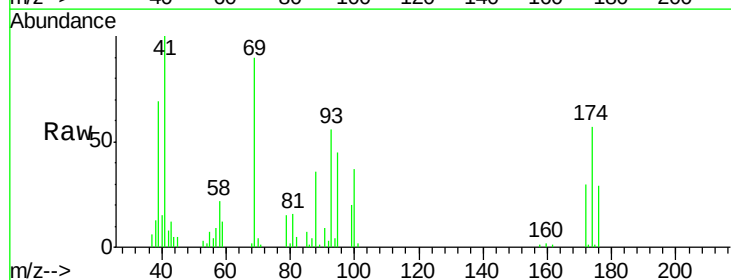
Instrument :
MSVOA_N
ClientSampled :

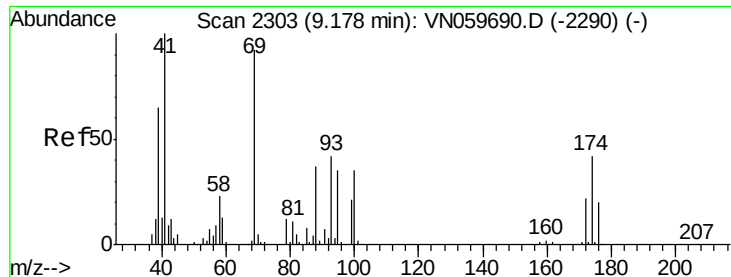
Tot Ion: 83 Resp: 53210
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 9.1 6.6 9.8



#48
Methyl methacrylate
Concen: 18.136 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 41 Resp: 32487
Ion Ratio Lower Upper
41 100
69 94.3 64.4 96.6
39 69.9 51.3 76.9

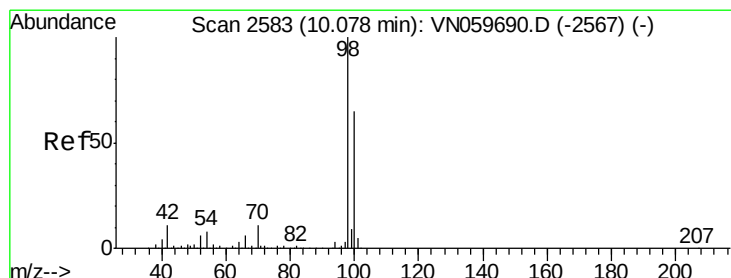
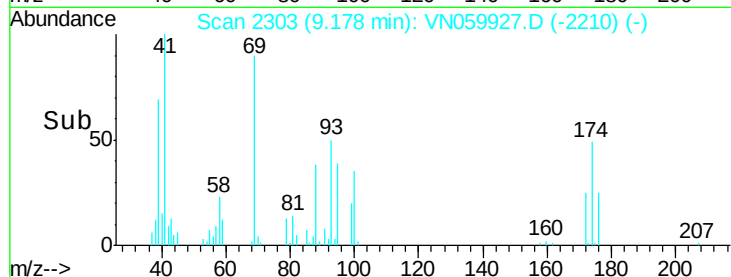
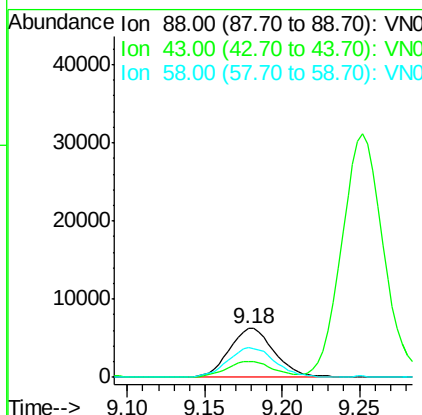
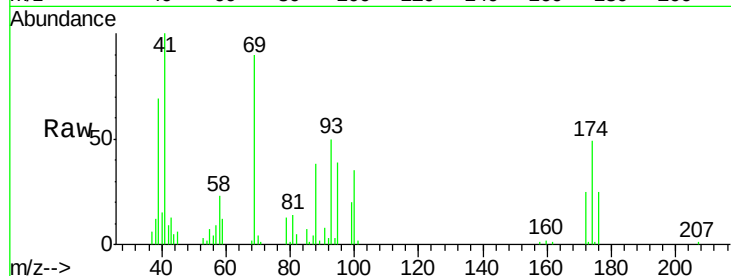




#49
1,4-Dioxane
Concen: 388.044 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

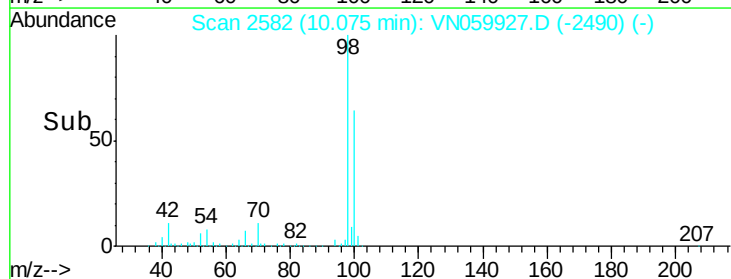
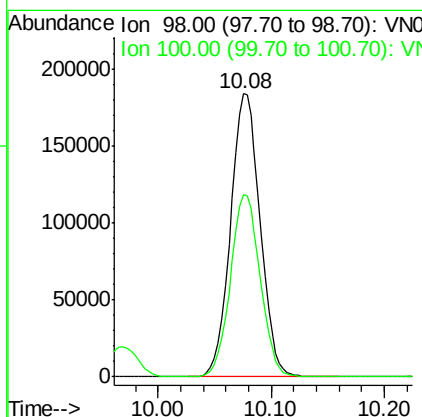
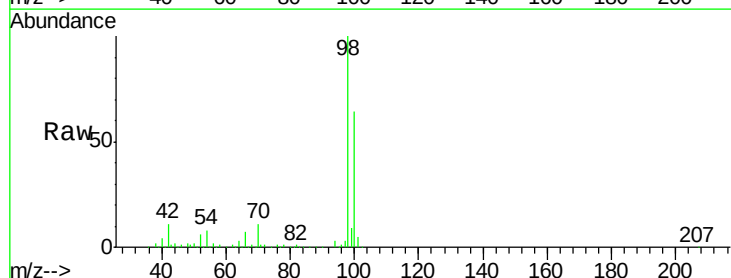
Instrument :
MSVOA_N
ClientSampled :

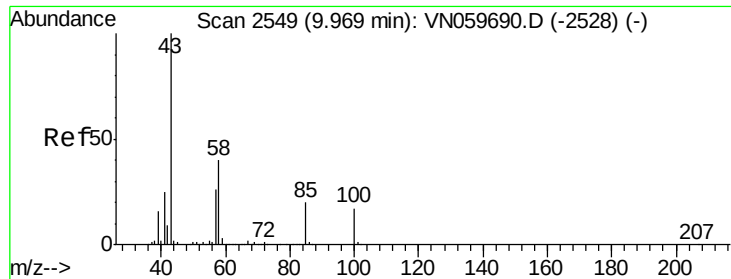
Tot Ion: 88 Resp: 12725
Ion Ratio Lower Upper
88 100
43 33.1 29.7 44.5
58 62.9 56.6 85.0



#50
Toluene-d8
Concen: 50.722 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 98 Resp: 334077
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8

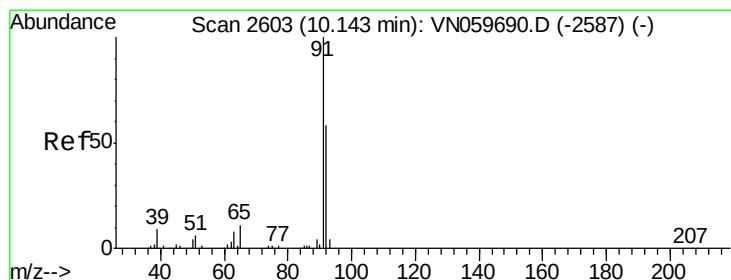
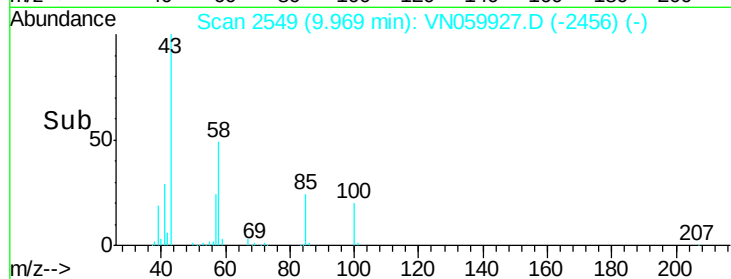
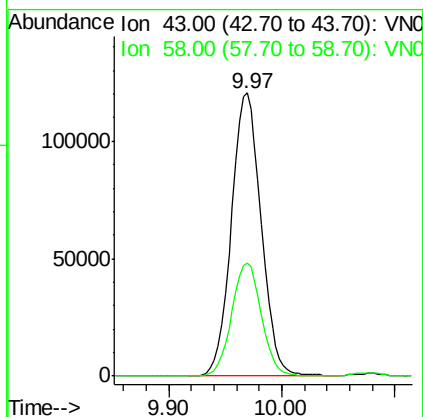
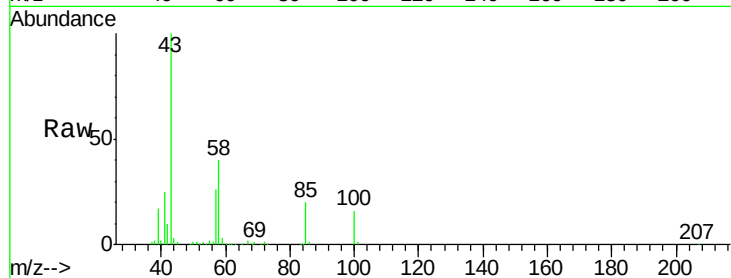




#51
 4-Methyl-2-Pentanone
 Concen: 95.385 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

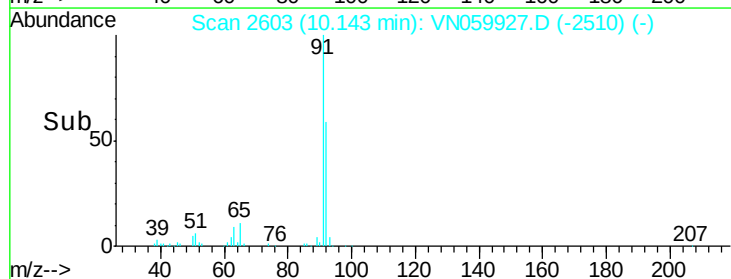
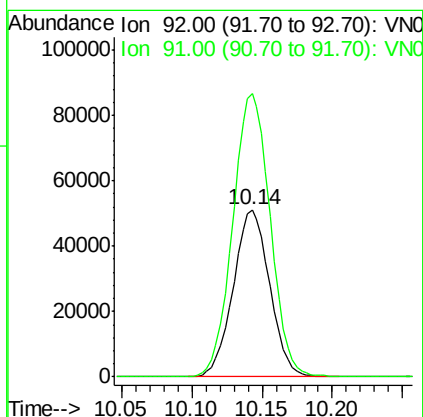
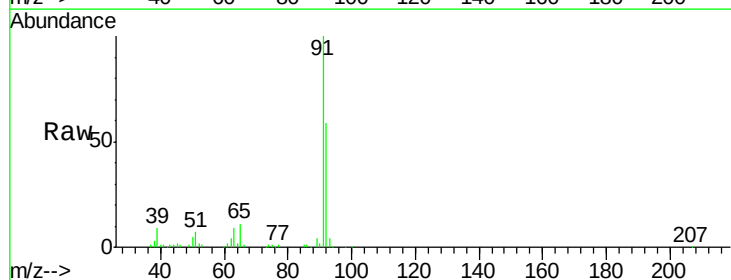
Instrument :
 MSVOA_N
 ClientSampleId :

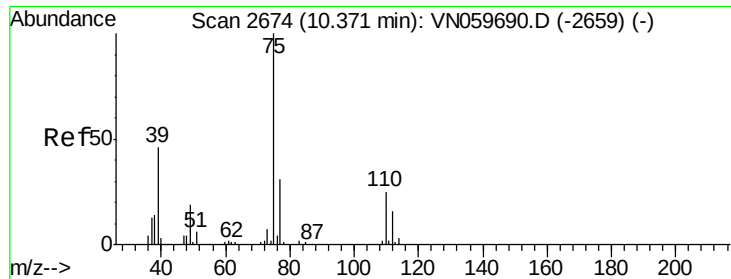
Tot Ion: 43 Resp: 220820
 Ion Ratio Lower Upper
 43 100
 58 39.8 29.8 44.8



#52
 Toluene
 Concen: 19.747 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion: 92 Resp: 92346
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.4 210.6

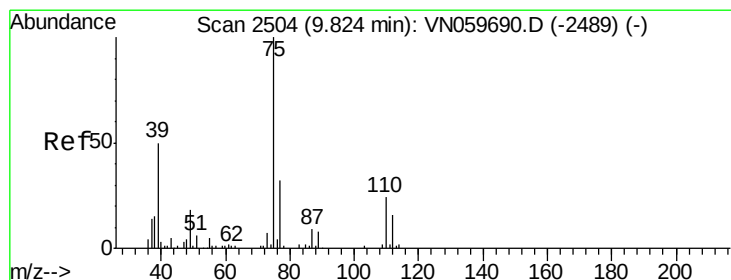
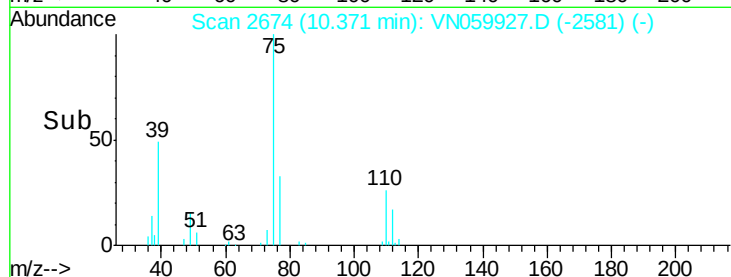
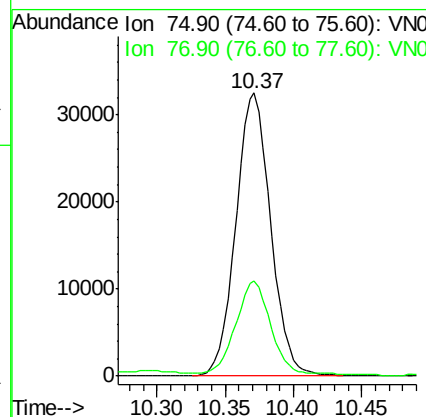
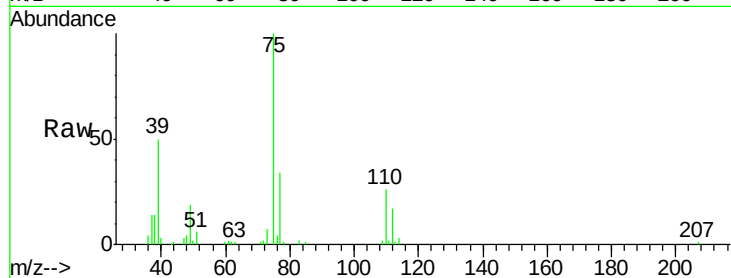




#53
t-1,3-Dichloropropene
Concen: 19.822 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

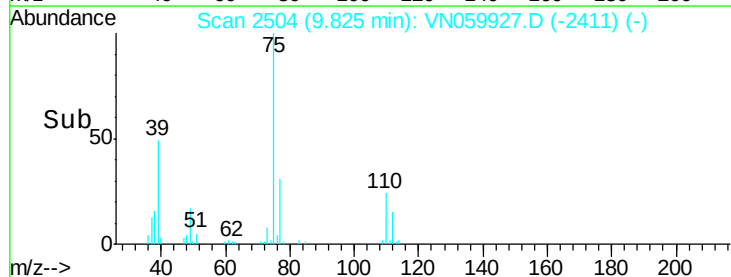
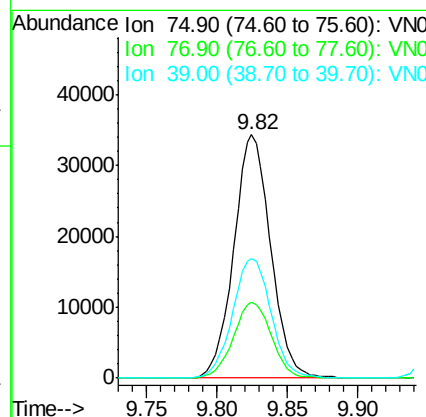
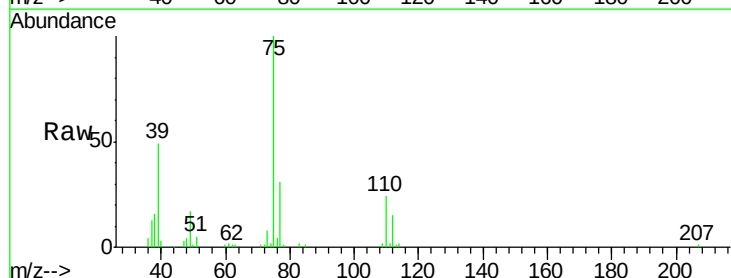
Instrument :
MSVOA_N
ClientSampled :

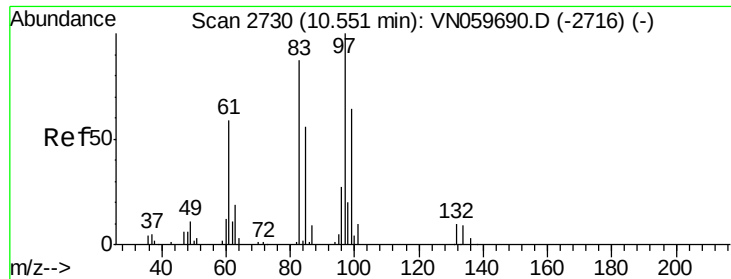
Tot Ion: 75 Resp: 57638
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.487 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 75 Resp: 62680
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 49.2 46.1 69.1

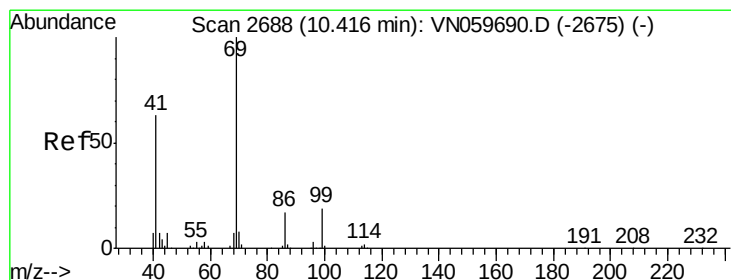
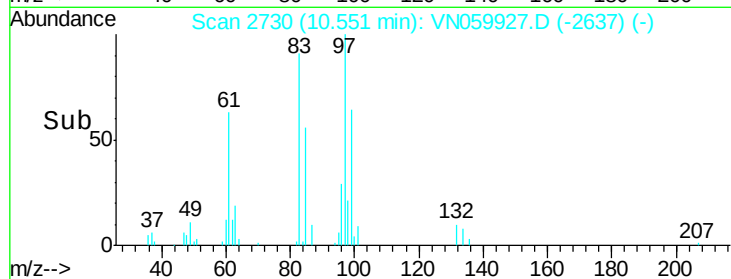
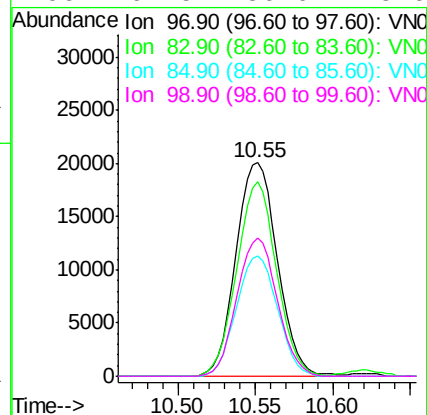
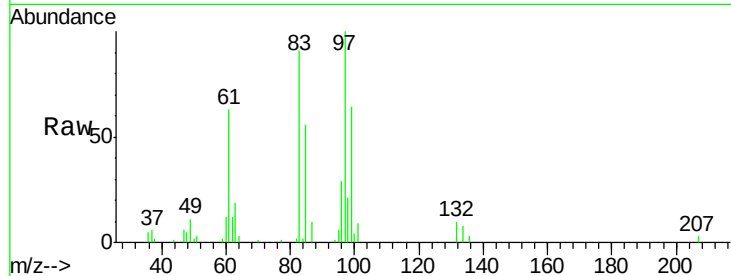




#55
 1,1,2-Trichloroethane
 Concen: 20.217 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

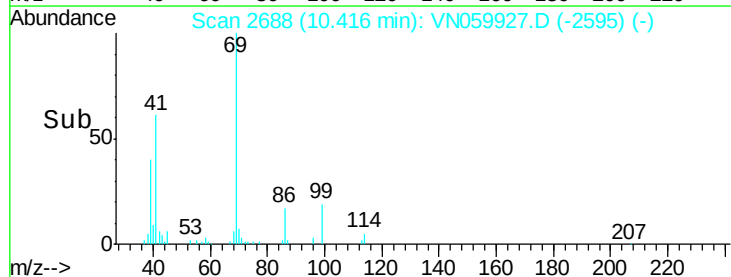
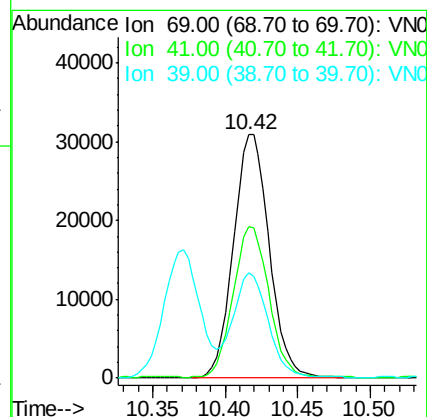
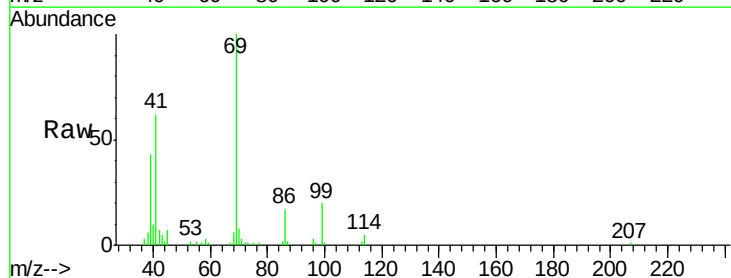
Instrument :
 MSVOA_N
 ClientSampled :

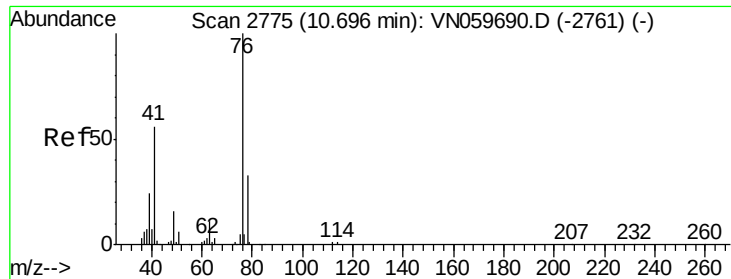
Tot Ion:	97	Resp:	37444
Ion	Ratio	Lower	Upper
97	100		
83	91.0	71.3	106.9
85	56.3	45.8	68.8
99	64.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.717 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion:	69	Resp:	52971
Ion	Ratio	Lower	Upper
69	100		
41	62.9	57.1	85.7
39	42.0	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.374 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

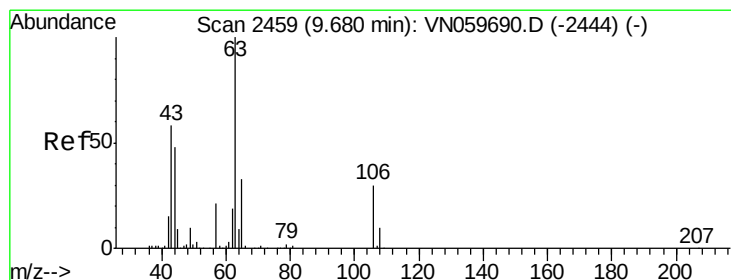
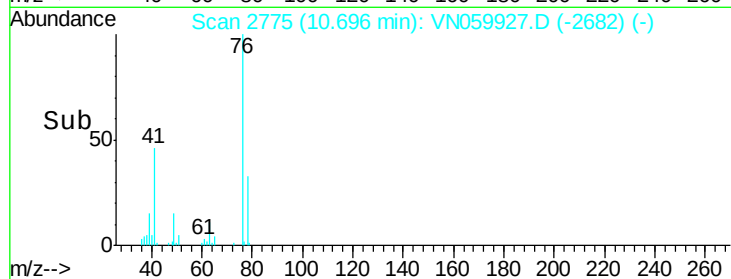
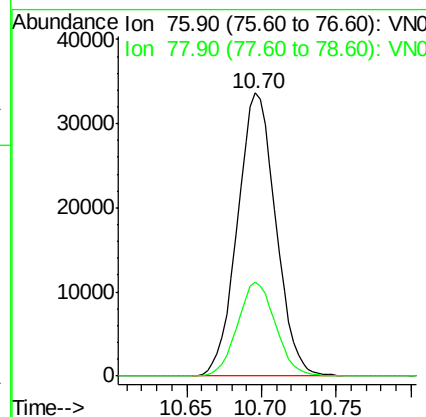
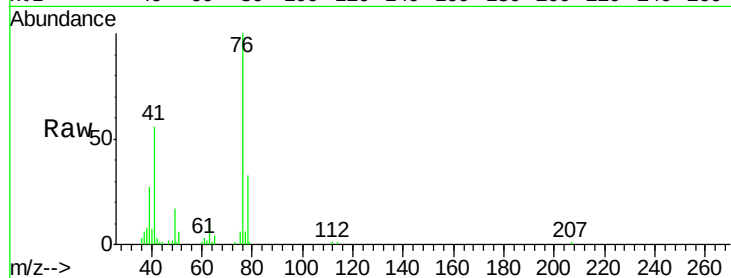
ClientSampleId :

Tot Ion: 76 Resp: 59910

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.140 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059927.D

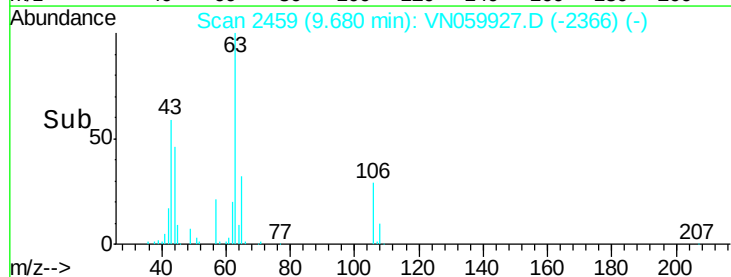
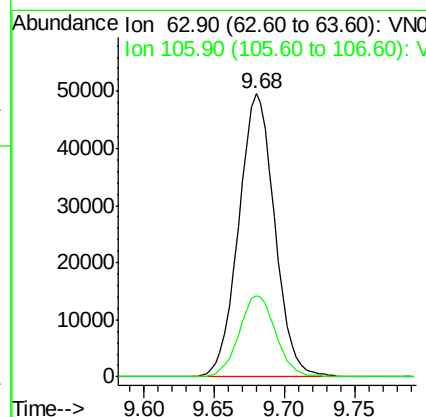
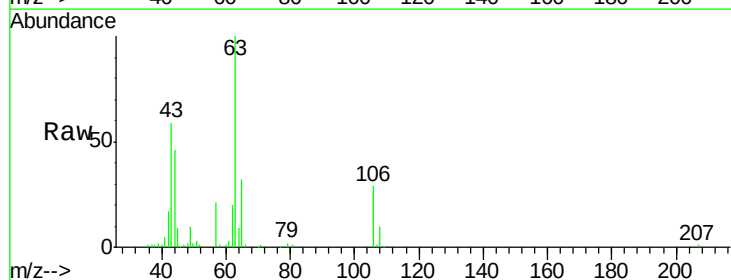
Acq: 30 Jan 2020 14:31

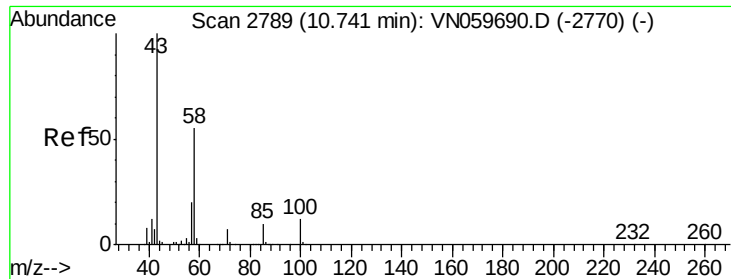
Tgt Ion: 63 Resp: 88771

Ion Ratio Lower Upper

63 100

106 29.1 20.2 30.2

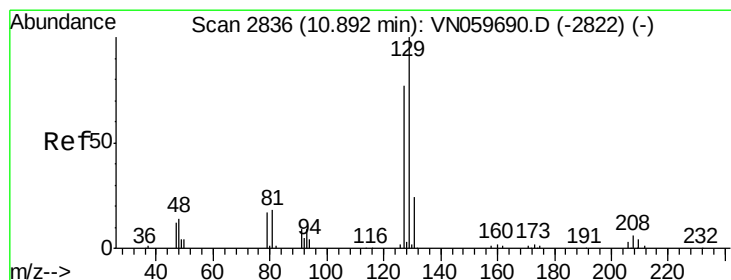
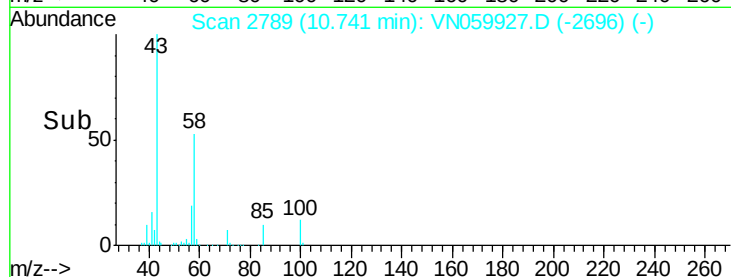
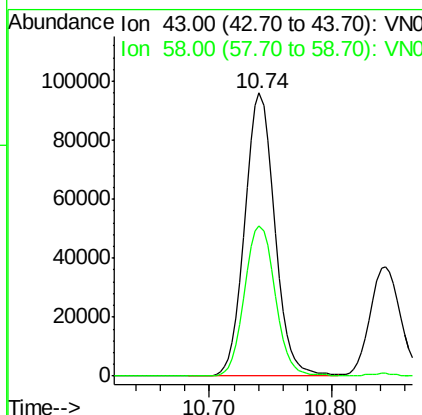
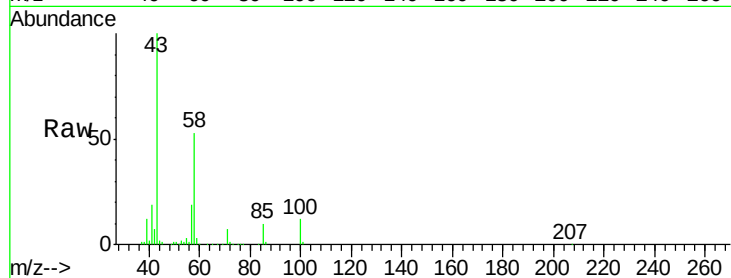




#59
2-Hexanone
Concen: 94.963 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

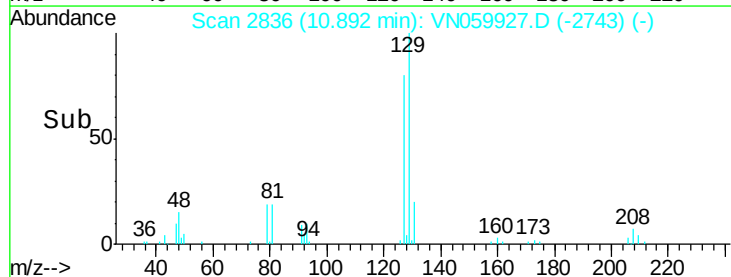
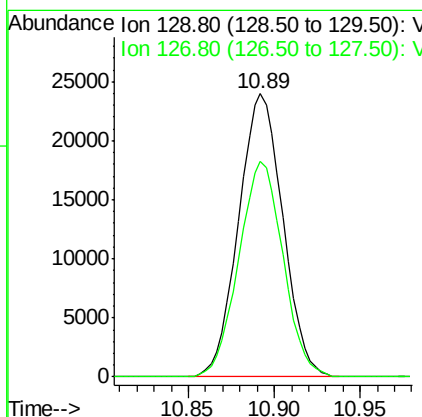
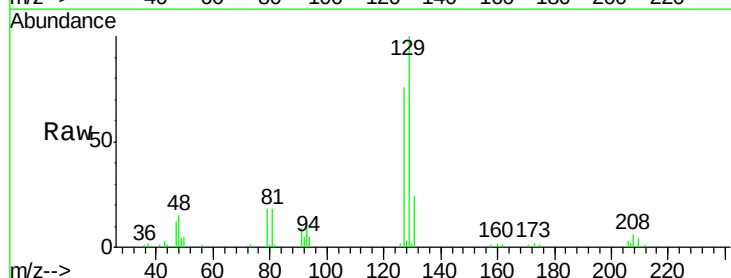
Instrument :
MSVOA_N
ClientSampleId :

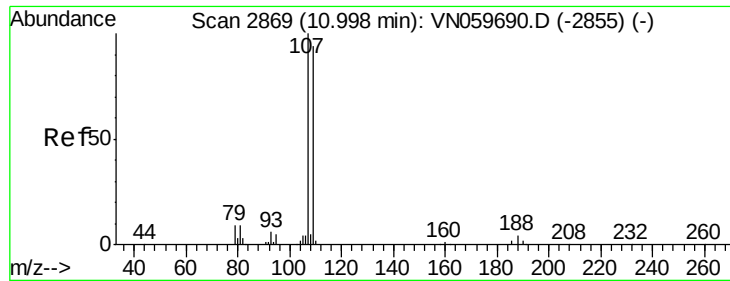
Tot Ion: 43 Resp: 161959
Ion Ratio Lower Upper
43 100
58 54.5 25.8 77.3



#60
Dibromochloromethane
Concen: 20.289 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 129 Resp: 42792
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

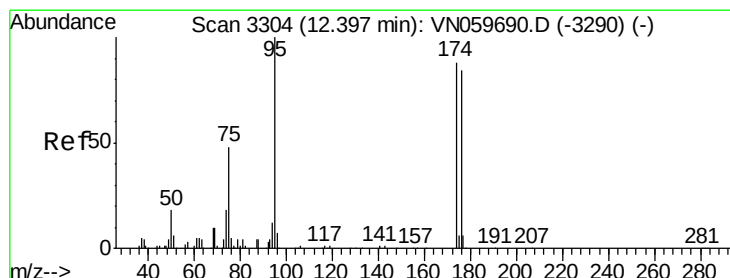
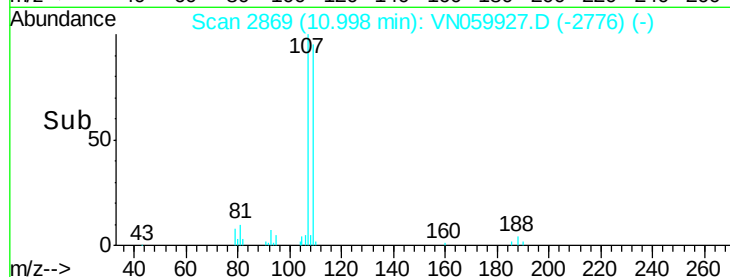
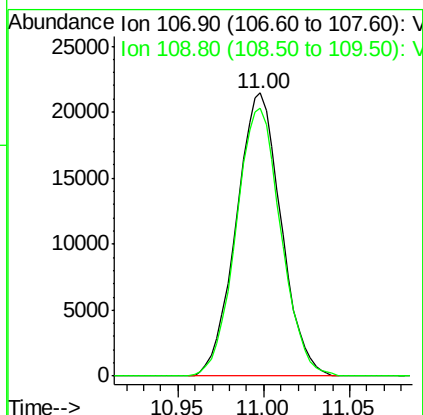
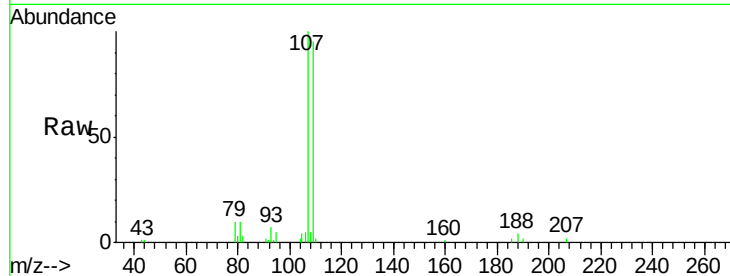




#61
 1,2-Dibromoethane
 Concen: 20.009 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

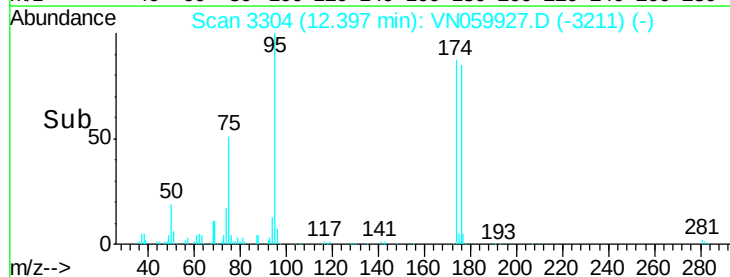
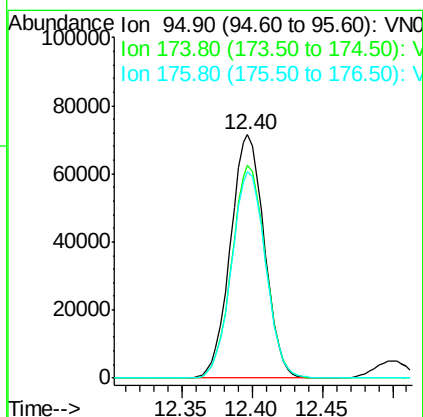
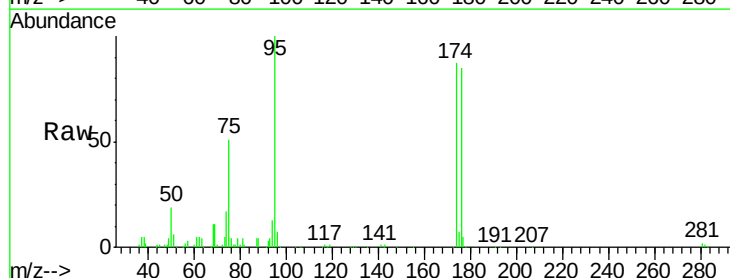
Instrument :
 MSVOA_N
 ClientSampleId :

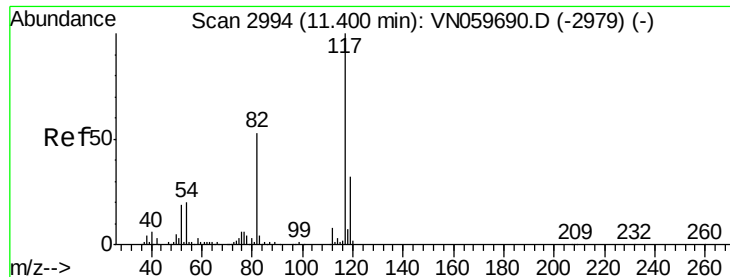
Tot Ion:107 Resp: 38843
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.617 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion: 95 Resp: 120186
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 151.4
 176 85.2 0.0 146.0

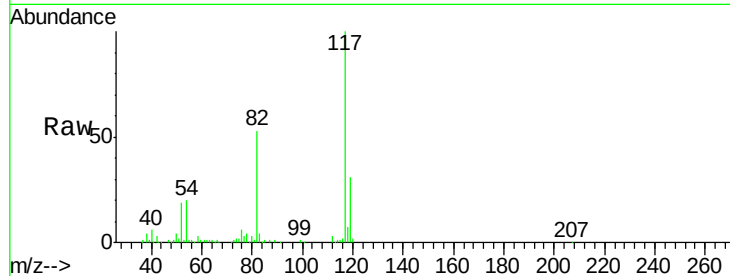




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.9	68.9
119	31.5	25.5	38.3

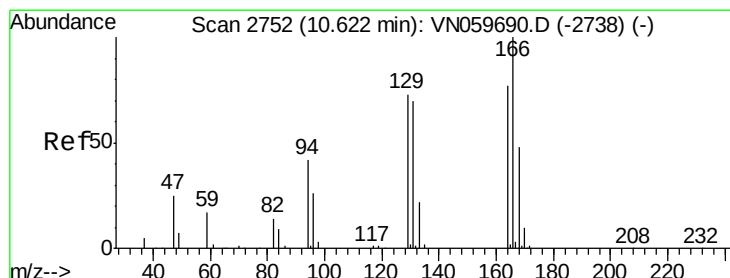
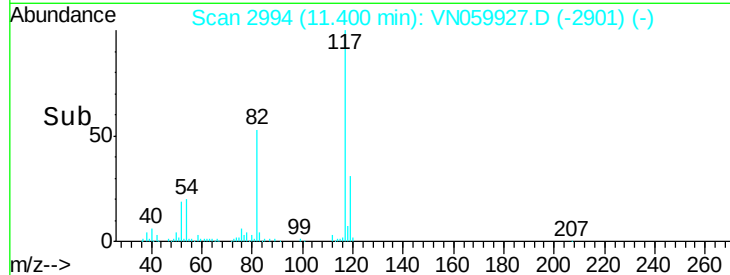
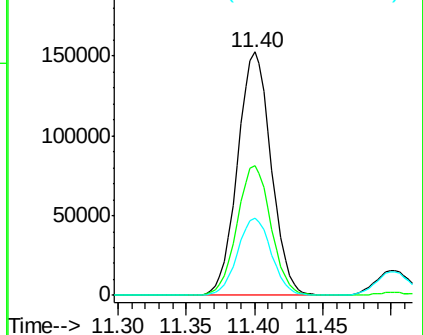


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.195 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.4	152.0
129	89.0	80.2	120.4
131	89.5	75.0	112.4

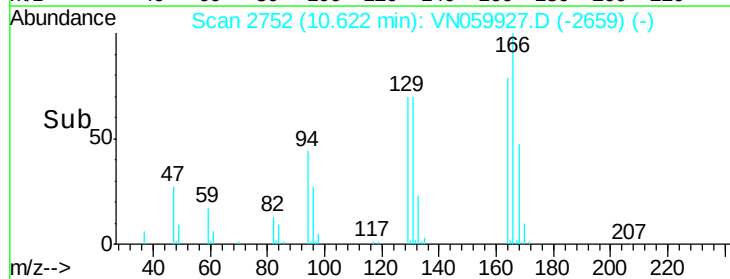
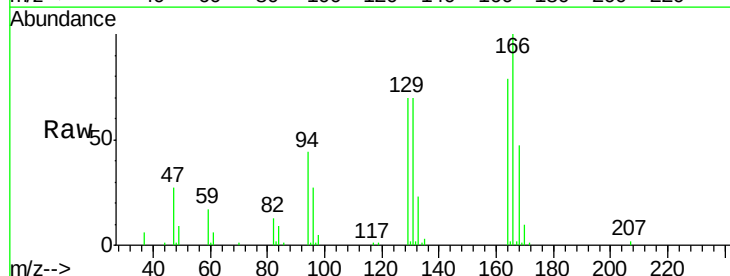
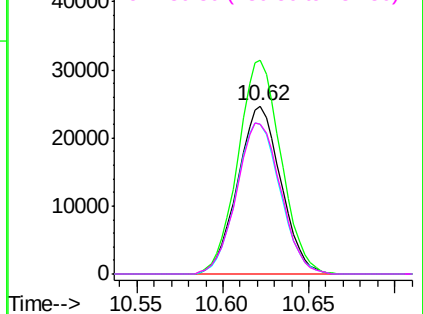
Abundance

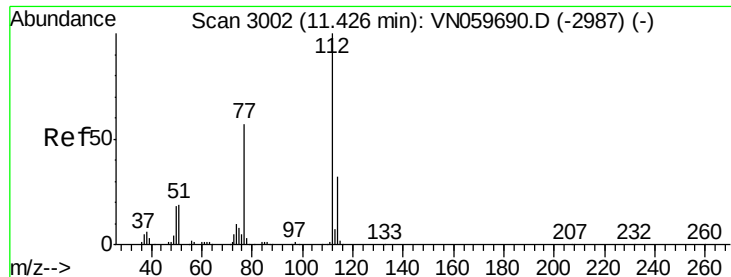
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

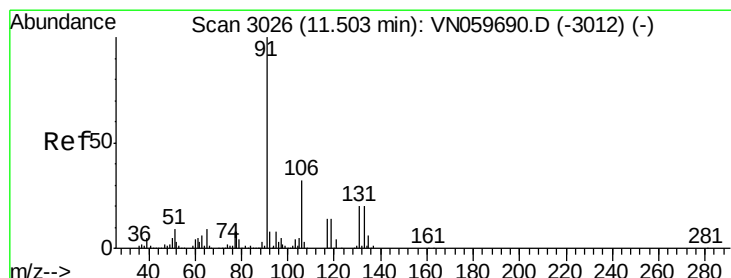
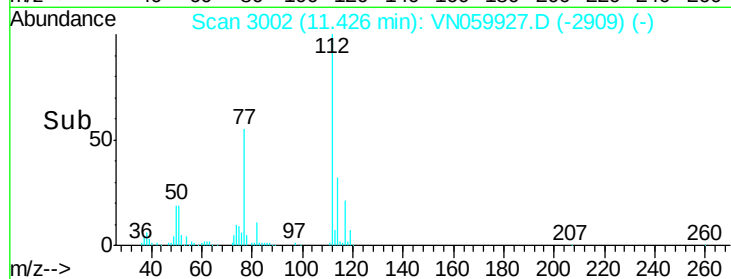
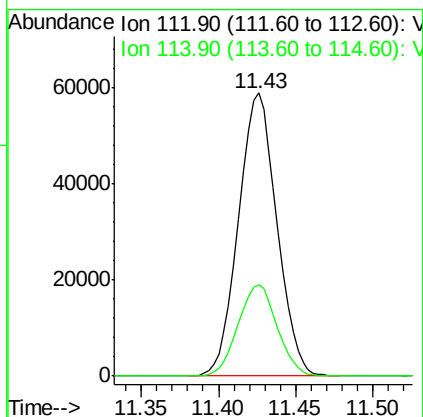
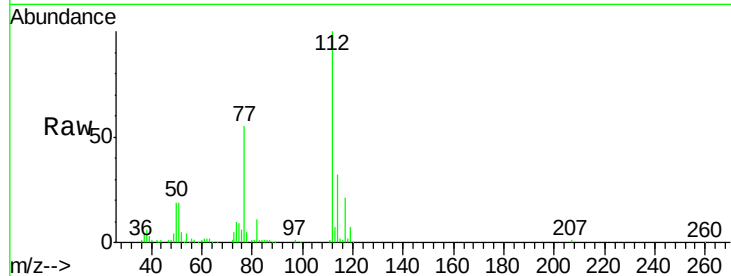




#65
Chlorobenzene
Concen: 19.822 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

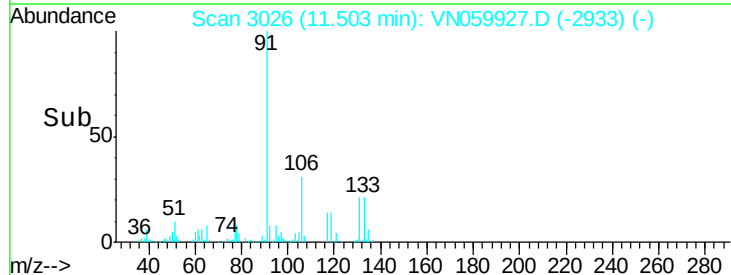
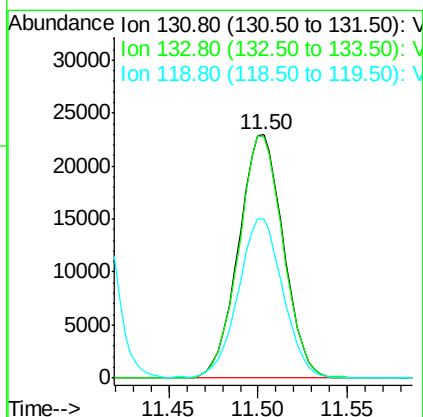
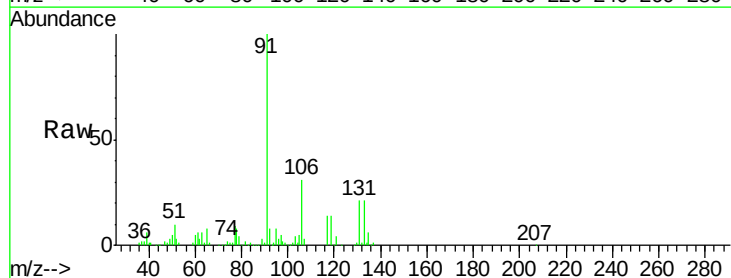
Instrument :
MSVOA_N
ClientSampleId :

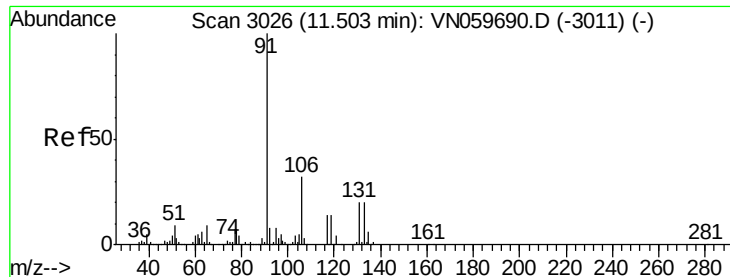
Tot Ion:112 Resp: 101666
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.258 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion:131 Resp: 40146
Ion Ratio Lower Upper
131 100
133 98.8 47.4 142.2
119 65.6 33.1 99.3





#67

Ethyl Benzene

Concen: 19.436 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

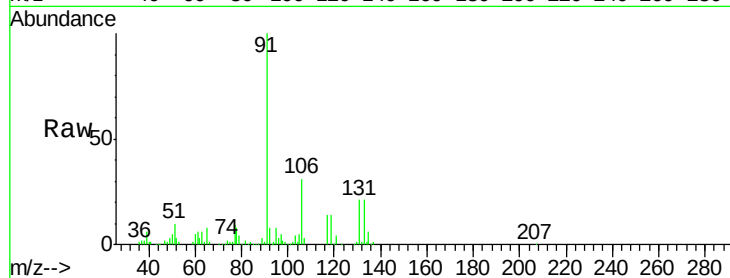
ClientSampled :

Tot Ion: 91 Resp: 180954

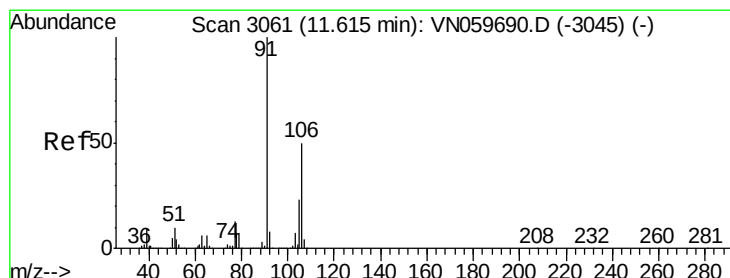
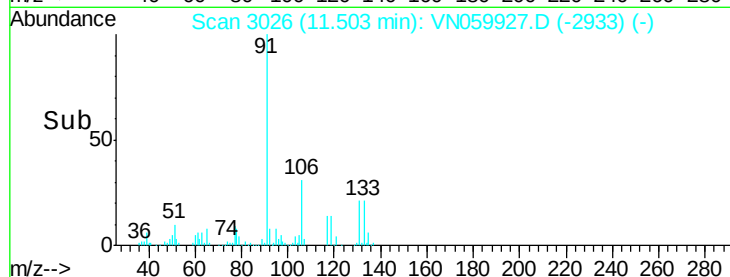
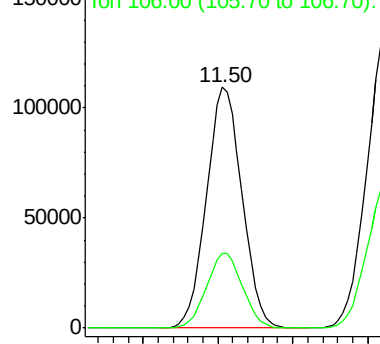
Ion Ratio Lower Upper

91 100

106 31.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059927.D (-2933) (-)



#68

m/p-Xylenes

Concen: 38.700 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059927.D

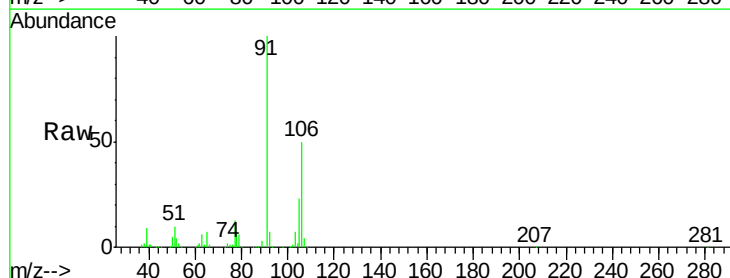
Acq: 30 Jan 2020 14:31

Tgt Ion: 106 Resp: 136105

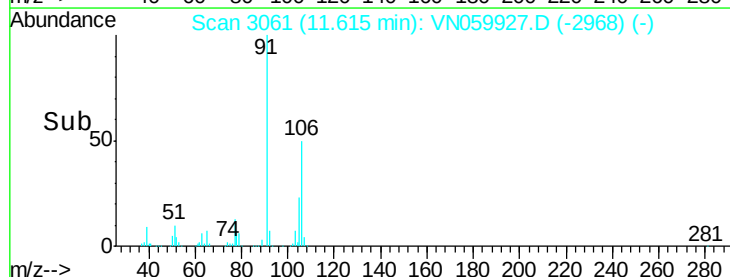
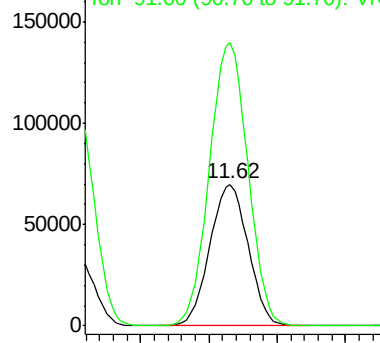
Ion Ratio Lower Upper

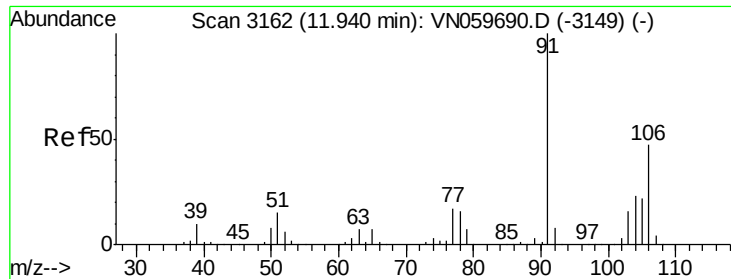
106 100

91 201.0 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059927.D (-2968) (-)

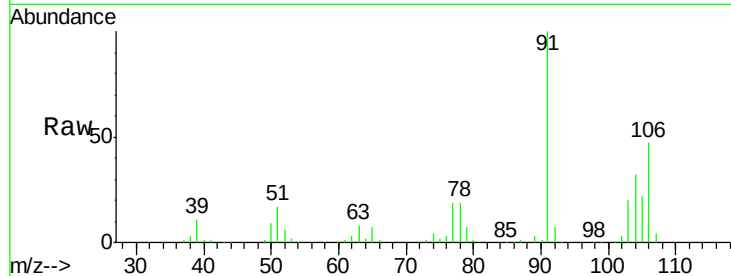




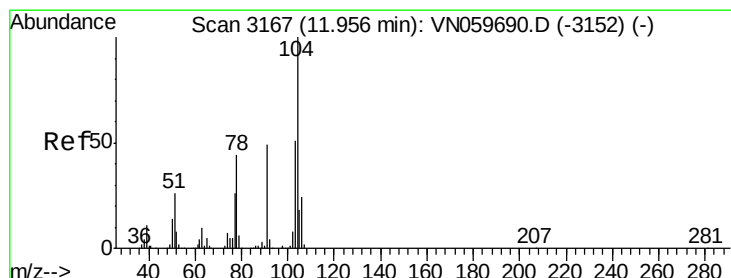
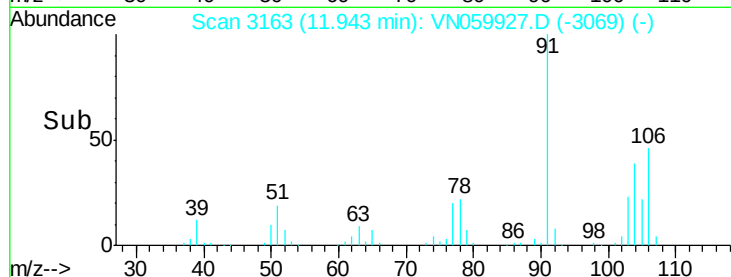
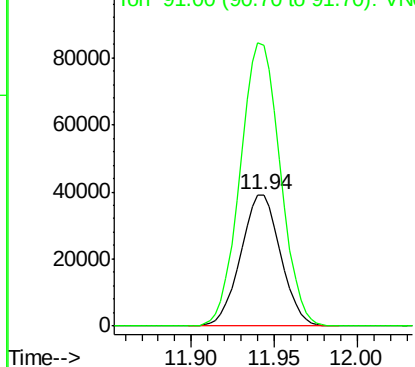
#69
o-Xylene
Concen: 18.984 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 65363
Ion Ratio Lower Upper
106 100
91 217.3 110.3 330.9

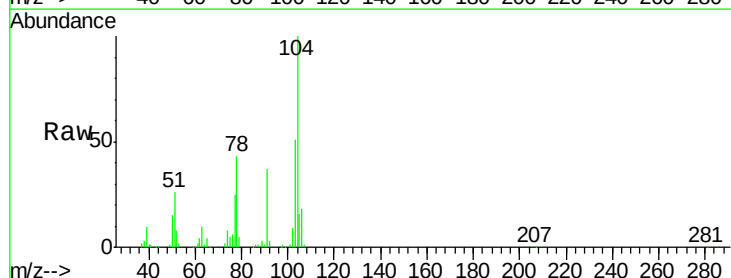


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

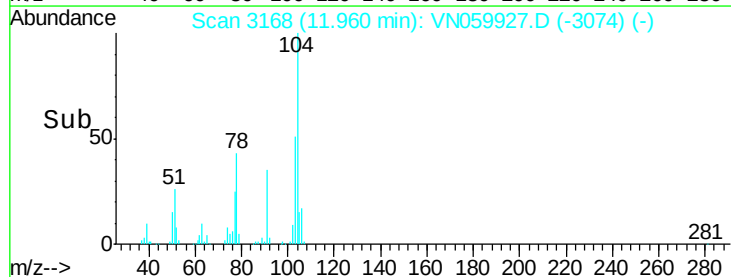
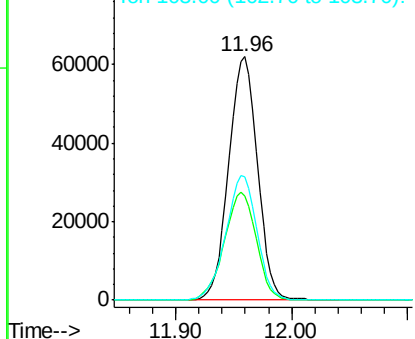


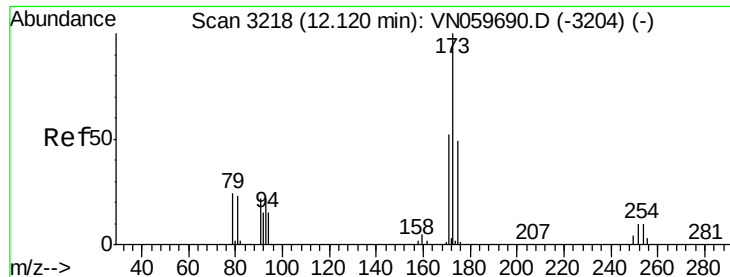
#70
Styrene
Concen: 18.513 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion:104 Resp: 106660
Ion Ratio Lower Upper
104 100
78 49.1 42.4 63.6
103 55.3 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

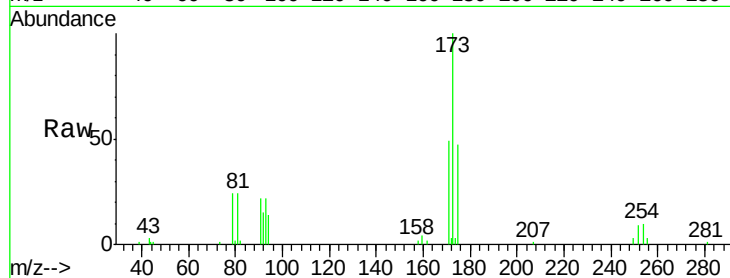




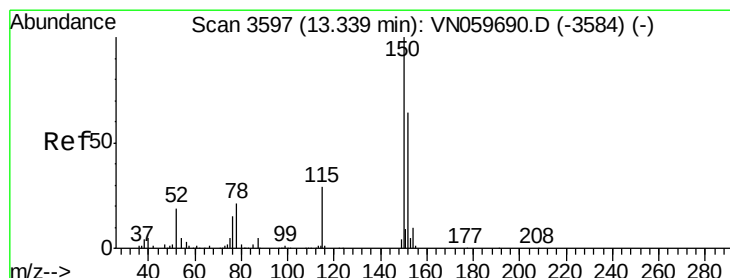
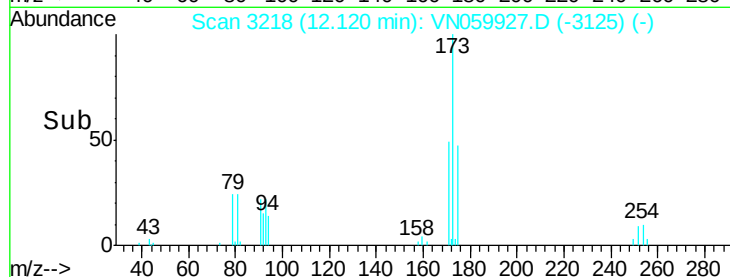
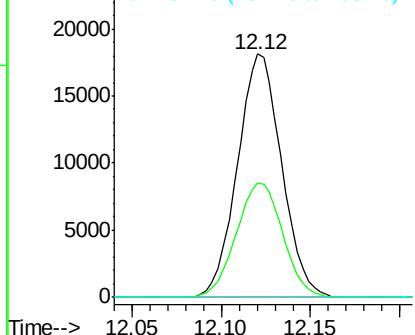
#71
Bromoform
Concen: 19.716 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 31298
Ion Ratio Lower Upper
173 100
175 49.4 23.8 71.4
254 0.0 0.0 0.0

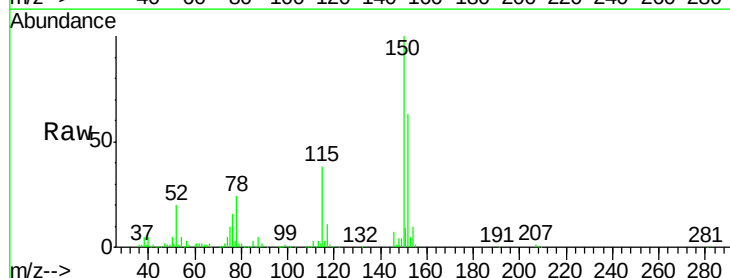


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

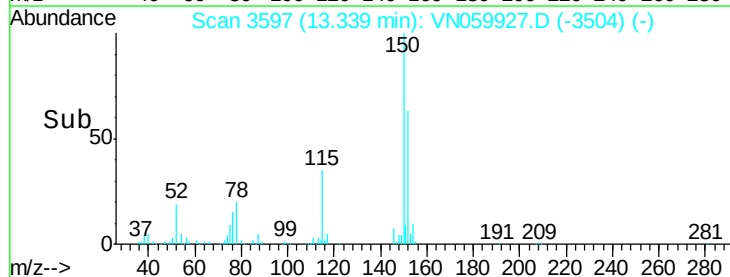
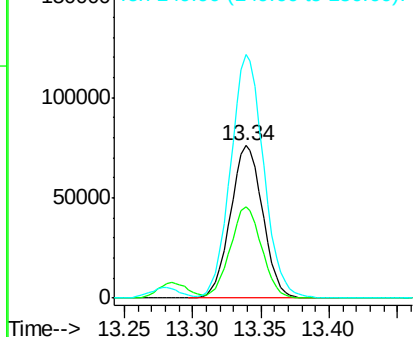


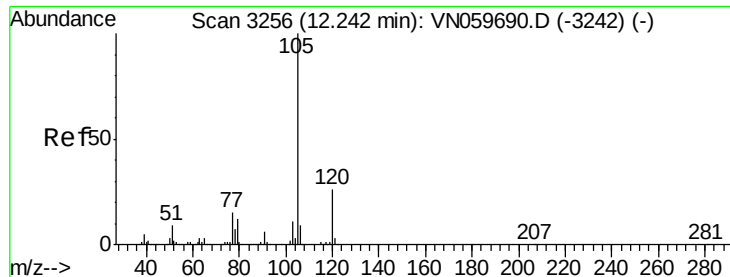
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion:152 Resp: 124919
Ion Ratio Lower Upper
152 100
115 58.8 30.3 90.9
150 162.8 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: 19.737 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

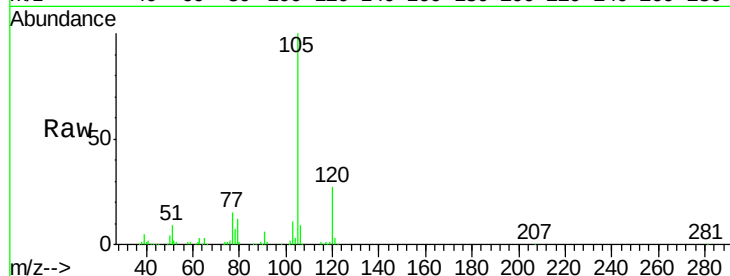
ClientSampled :

Tot Ion:105 Resp: 180822

Ion Ratio Lower Upper

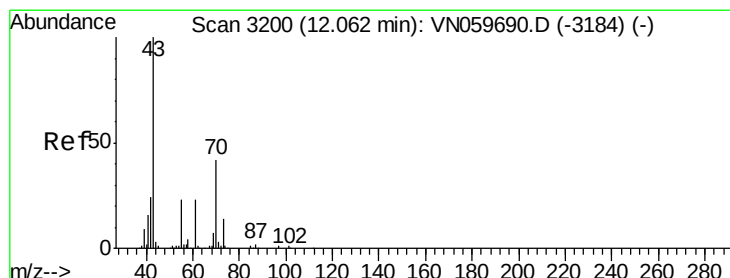
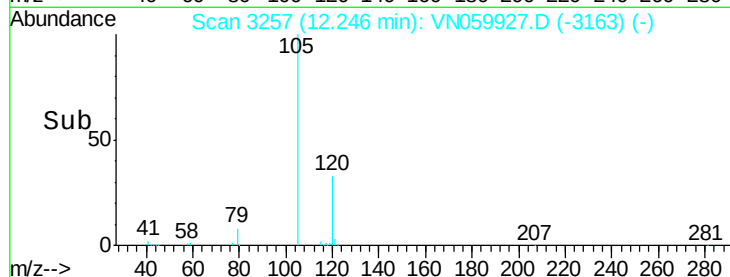
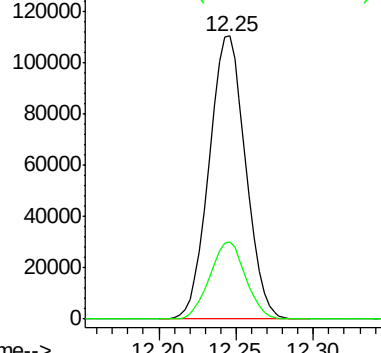
105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.803 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Tgt Ion: 43 Resp: 63287

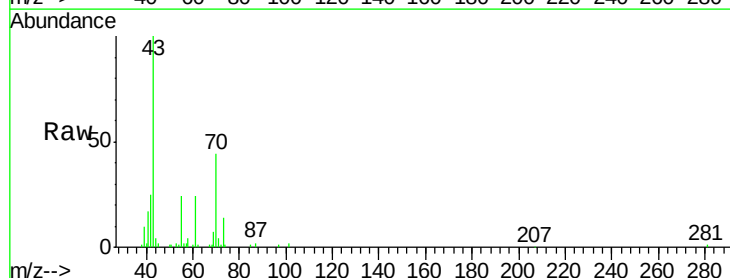
Ion Ratio Lower Upper

43 100

70 43.2 31.3 46.9

55 23.6 19.8 29.6

61 24.0 18.3 27.5

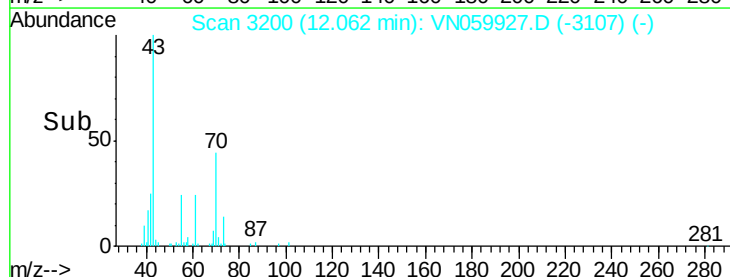
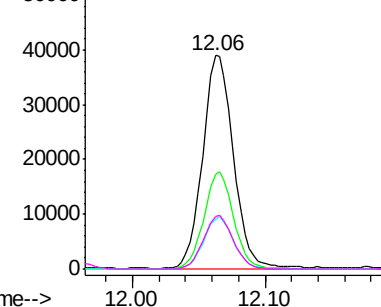


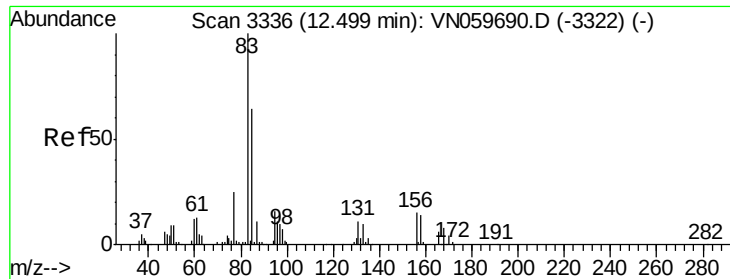
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.558 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

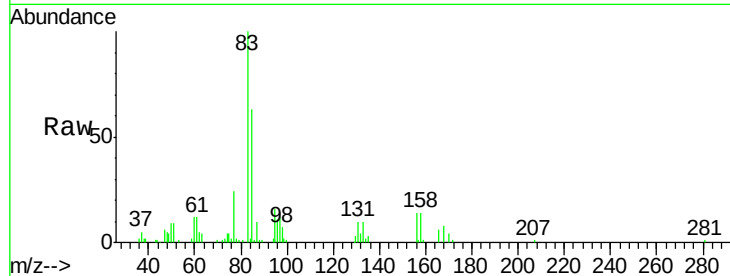
Tot Ion: 83 Resp: 51945

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

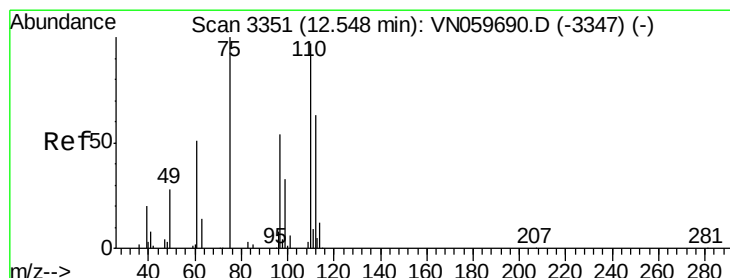
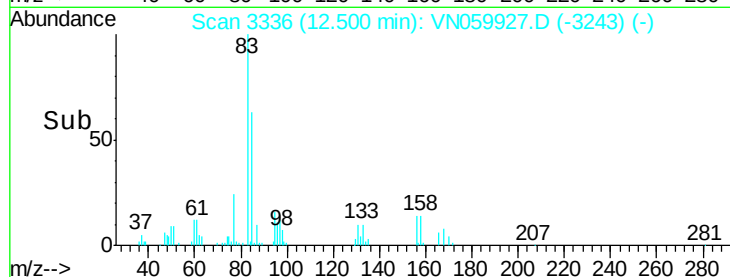
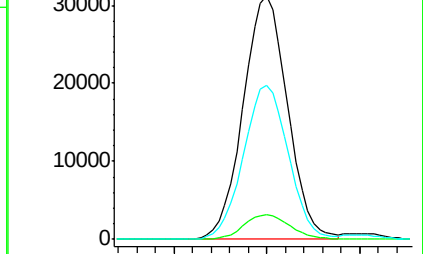
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059927.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059927.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059927.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 33.077 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059927.D

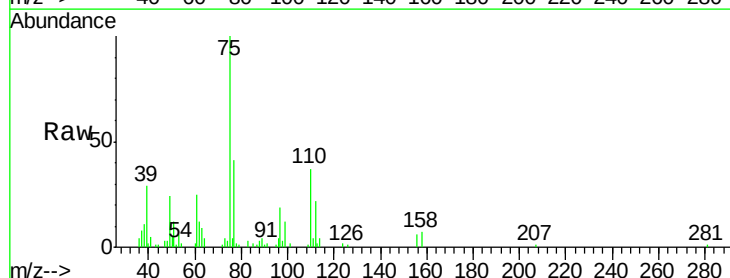
Acq: 30 Jan 2020 14:31

Tgt Ion: 75 Resp: 69537

Ion Ratio Lower Upper

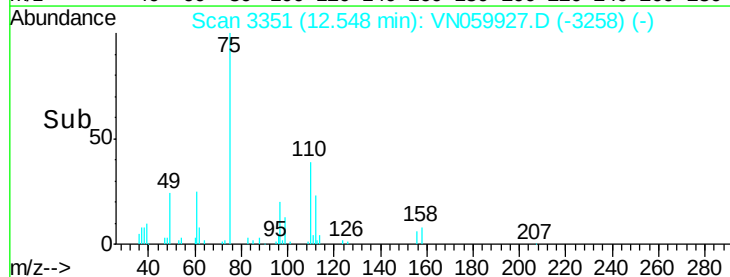
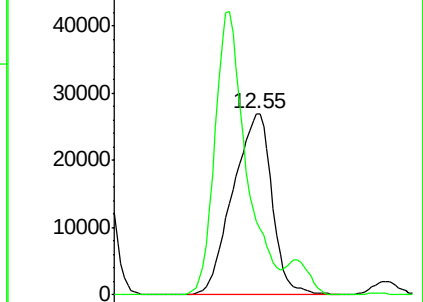
75 100

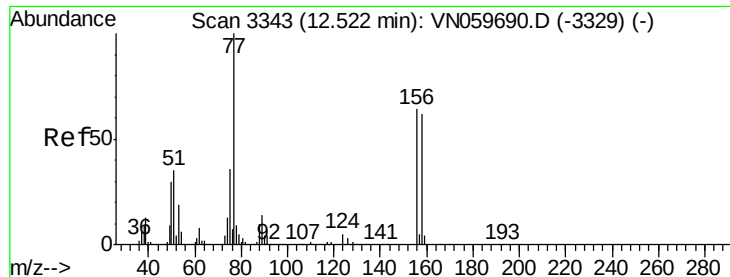
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059927.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059927.D (-3258) (-)





#77

Bromobenzene

Concen: 19.669 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

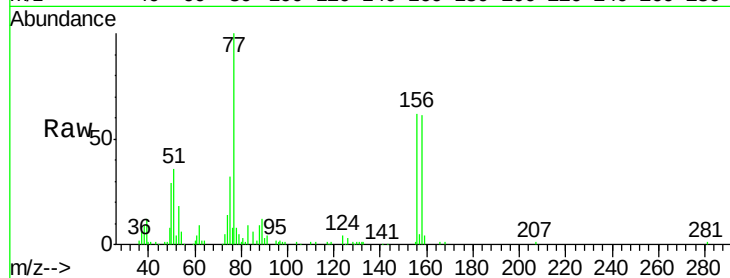
Tot Ion:156 Resp: 45632

Ion Ratio Lower Upper

156 100

77 190.7 115.8 347.4

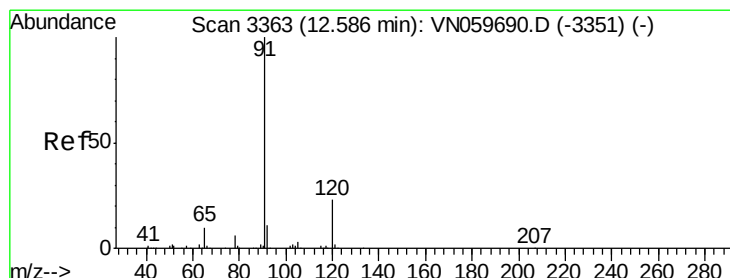
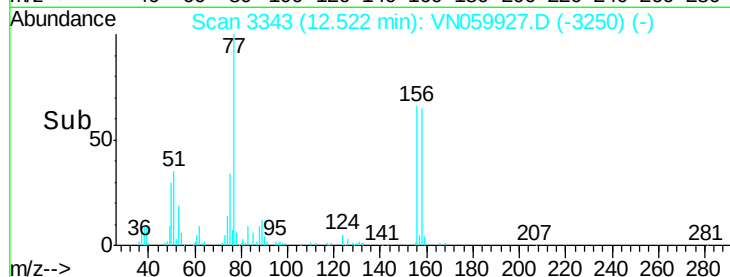
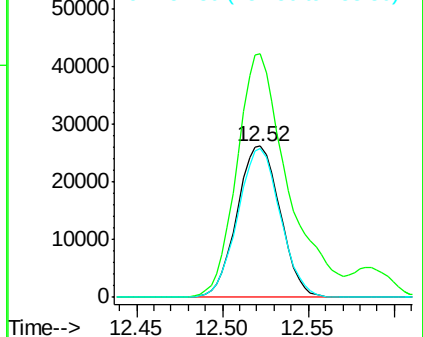
158 96.6 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.485 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059927.D

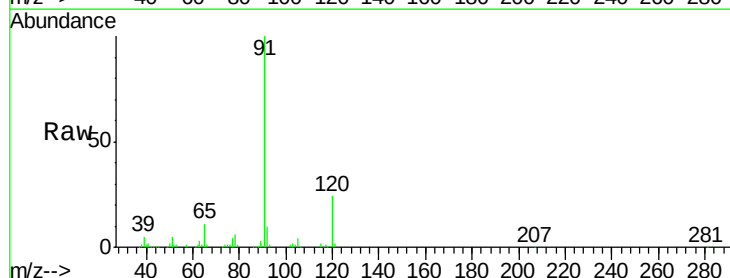
Acq: 30 Jan 2020 14:31

Tgt Ion: 91 Resp: 200363

Ion Ratio Lower Upper

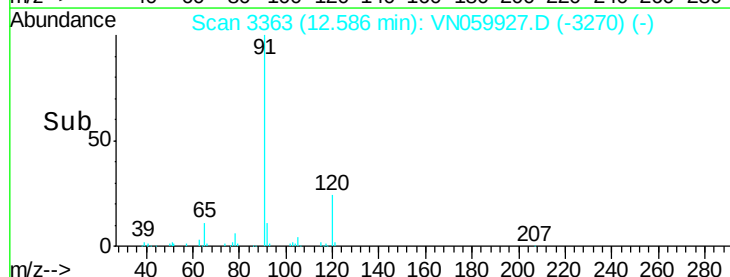
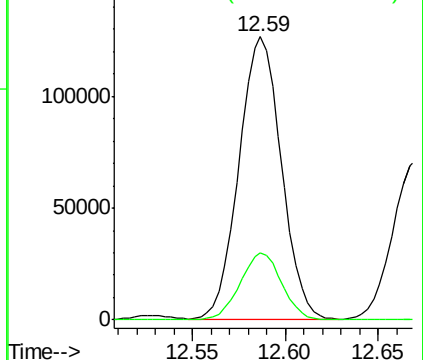
91 100

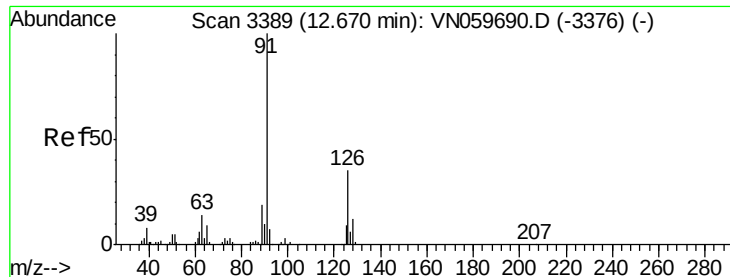
120 23.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

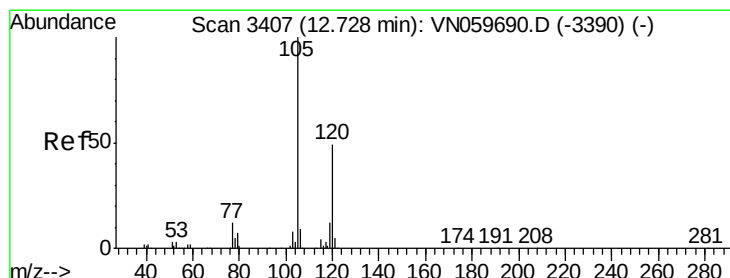
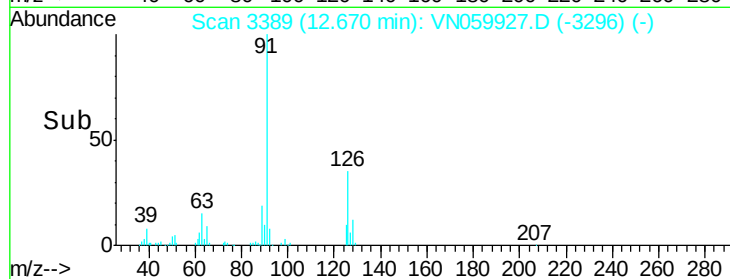
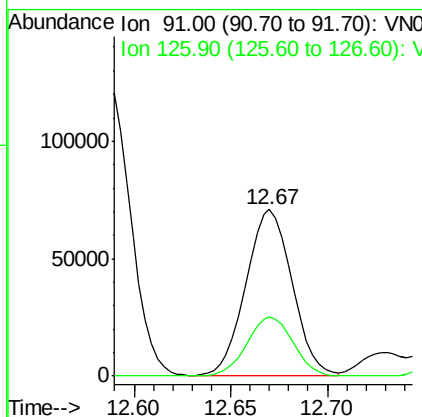
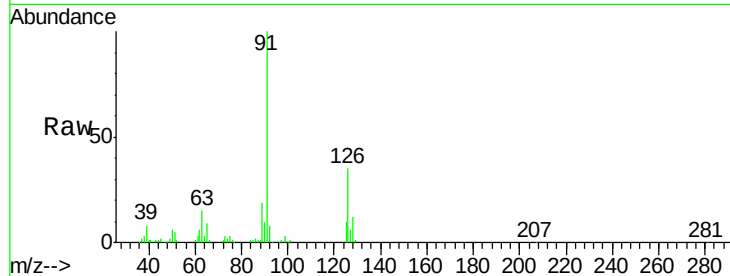




#79
 2-Chlorotoluene
 Concen: 19.246 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

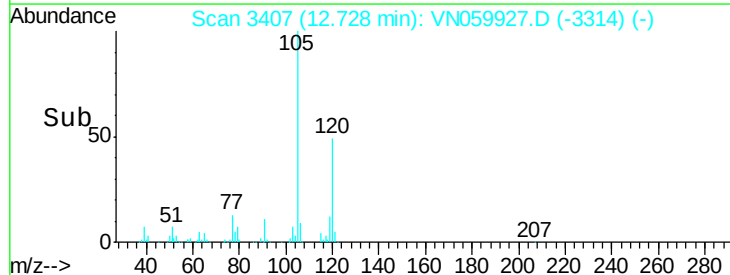
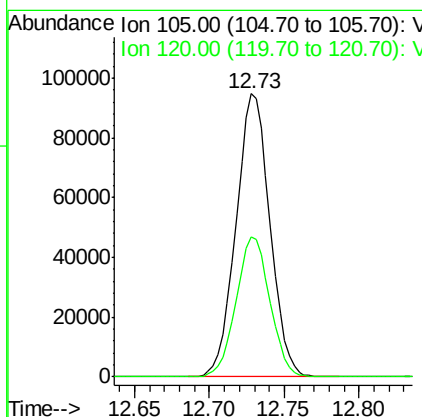
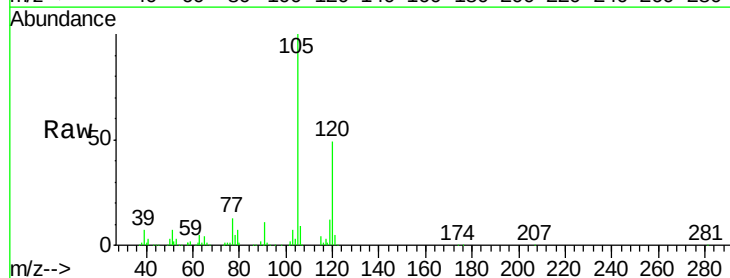
Instrument :
 MSVOA_N
 ClientSampled :

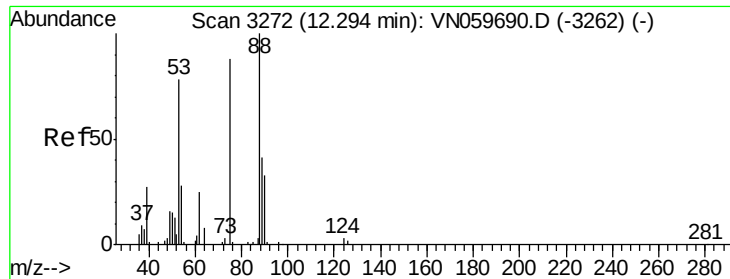
Tot Ion: 91 Resp: 117735
 Ion Ratio Lower Upper
 91 100
 126 35.7 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.379 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion: 105 Resp: 149314
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.4

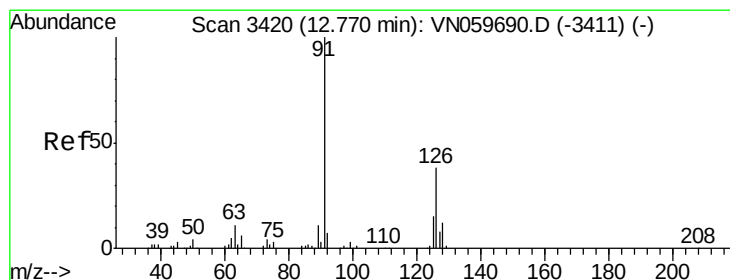
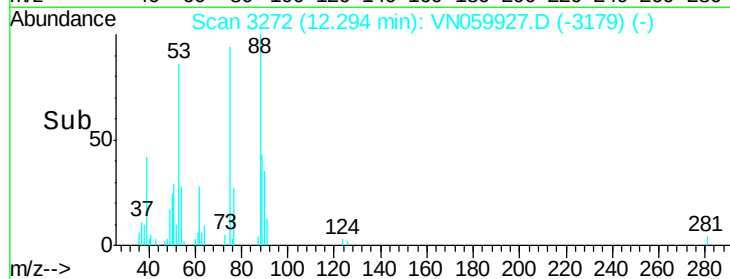
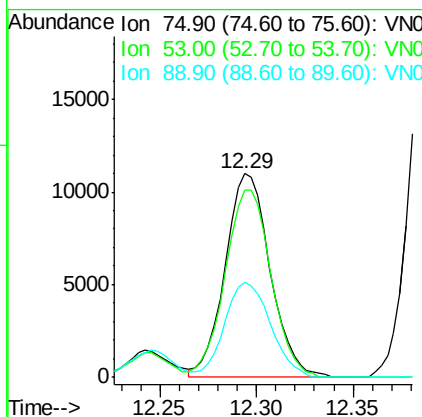
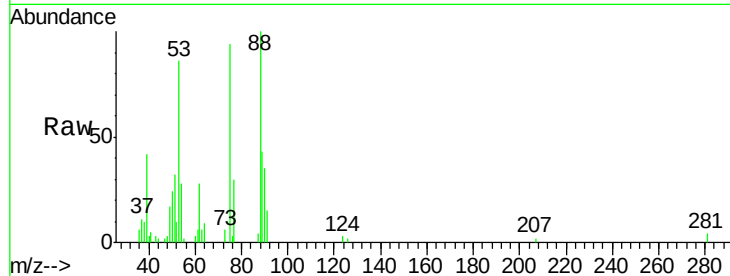




#81
trans-1,4-Dichloro-2-butene
Concen: 18.152 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

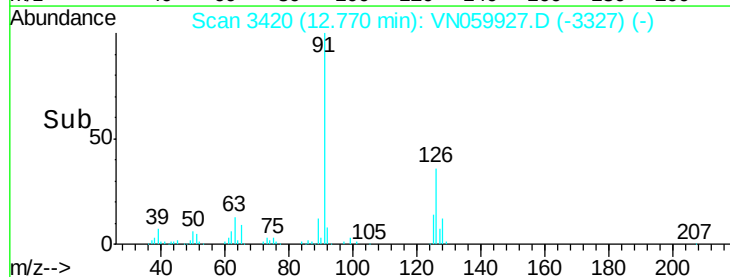
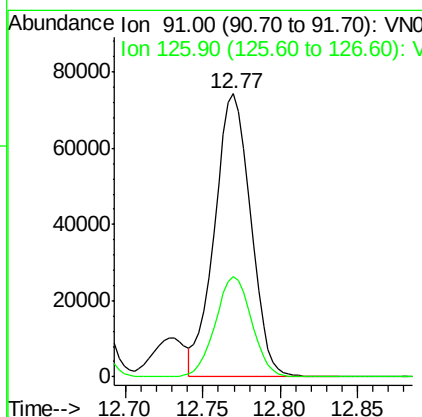
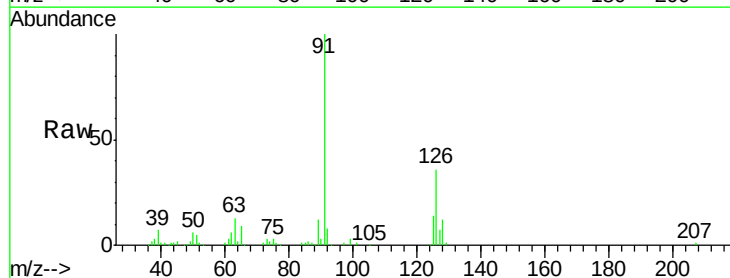
Instrument :
MSVOA_N
ClientSampleId :

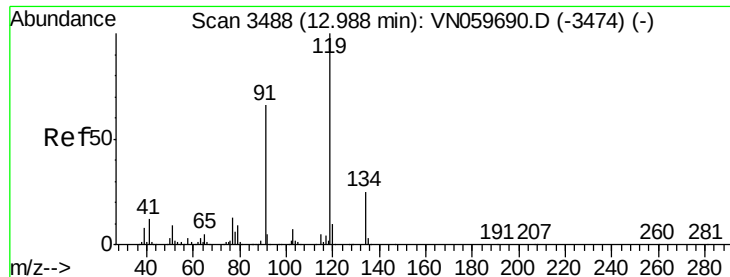
Tot Ion: 75 Resp: 17770
Ion Ratio Lower Upper
75 100
53 94.0 78.1 117.1
89 47.5 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.719 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 91 Resp: 120989
Ion Ratio Lower Upper
91 100
126 35.4 16.3 48.8





#83

tert-Butylbenzene

Concen: 19.769 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

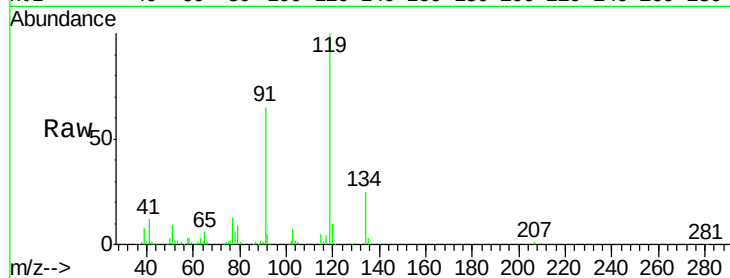
Tot Ion:119 Resp: 131735

Ion Ratio Lower Upper

119 100

91 63.3 34.8 104.4

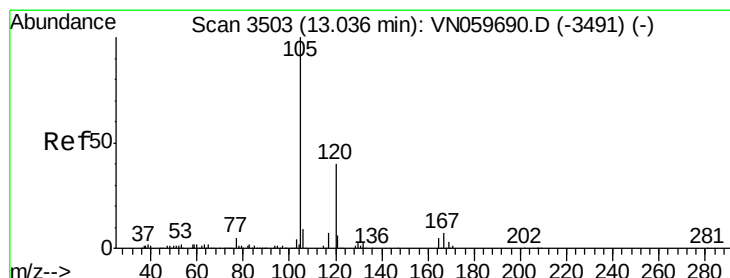
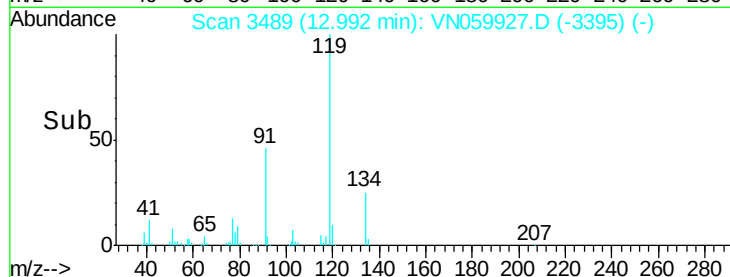
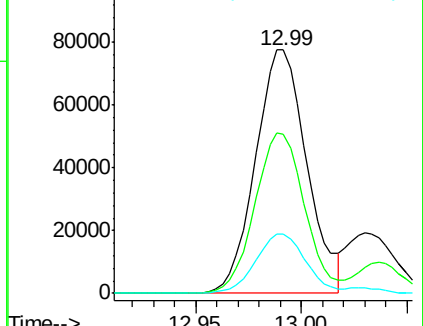
134 23.9 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.701 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059927.D

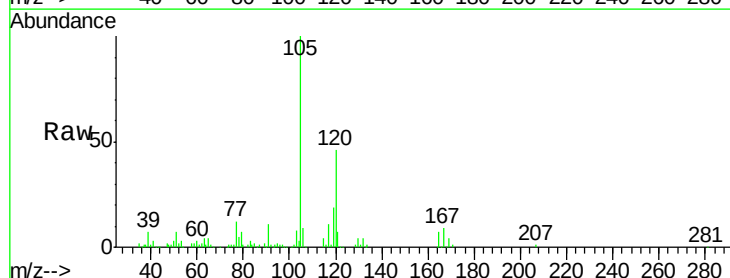
Acq: 30 Jan 2020 14:31

Tgt Ion:105 Resp: 150174

Ion Ratio Lower Upper

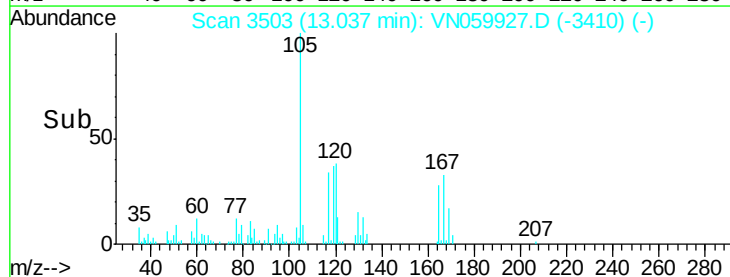
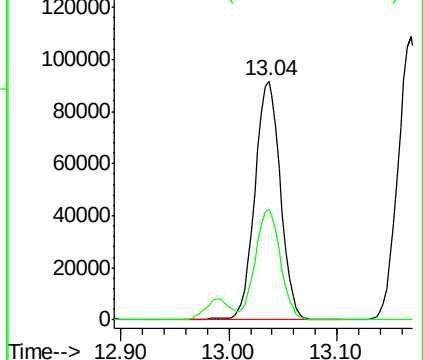
105 100

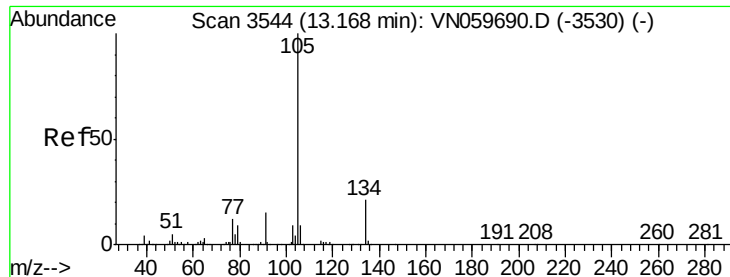
120 45.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.717 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_N

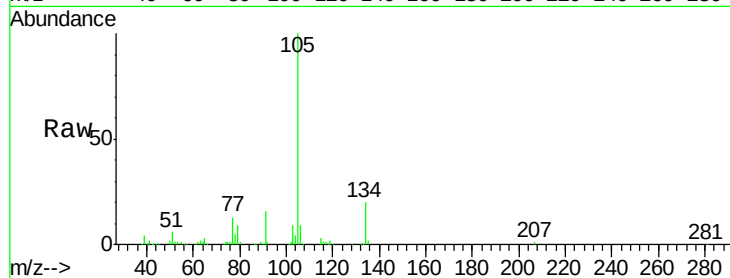
ClientSampleId :

Tot Ion:105 Resp: 172626

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

120000

100000

80000

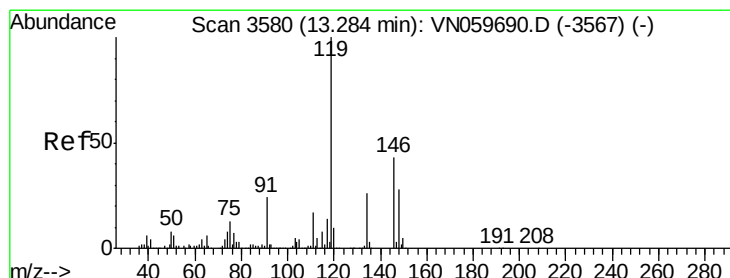
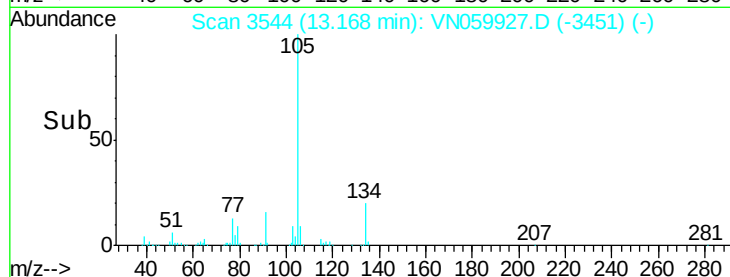
60000

40000

20000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 19.516 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059927.D

Acq: 30 Jan 2020 14:31

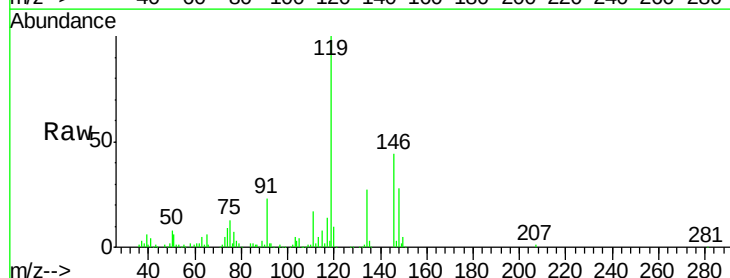
Tgt Ion:119 Resp: 158103

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

91 23.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

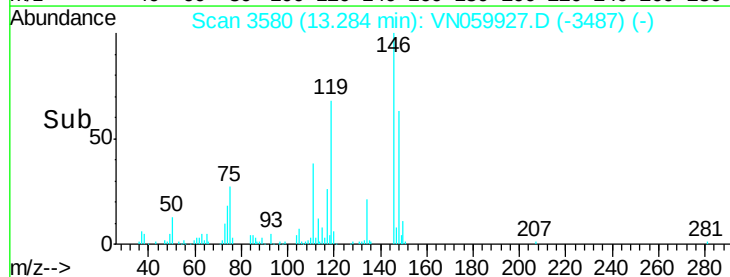
13.28

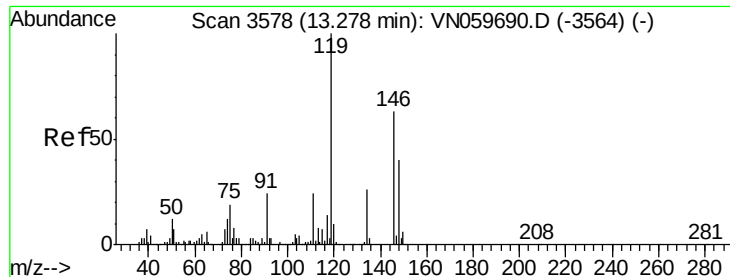
100000

50000

0

Time--> 13.20 13.25 13.30 13.35

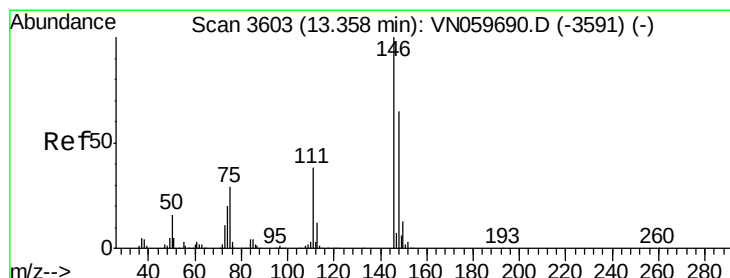
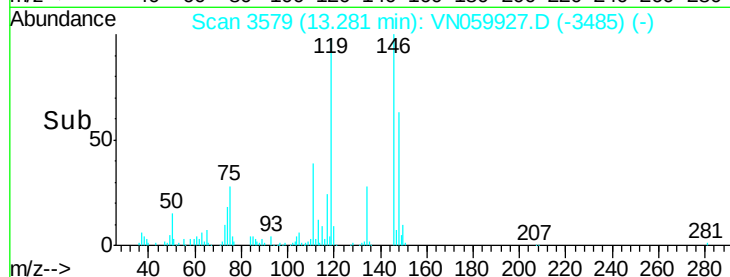
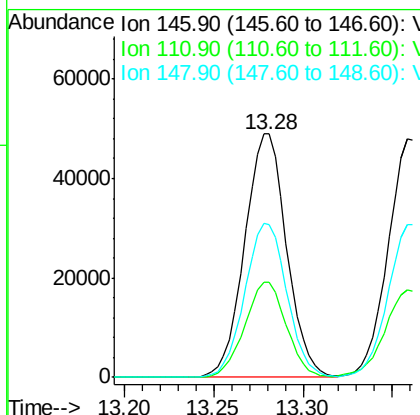
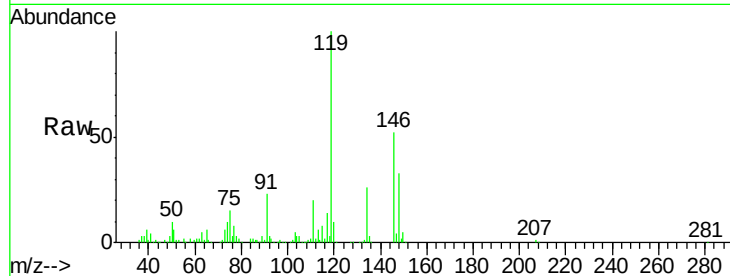




#87
 1,3-Dichlorobenzene
 Concen: 19.957 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

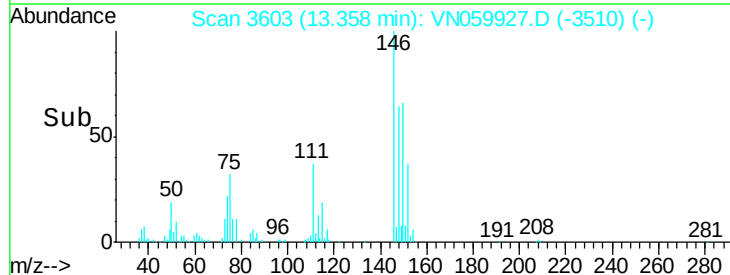
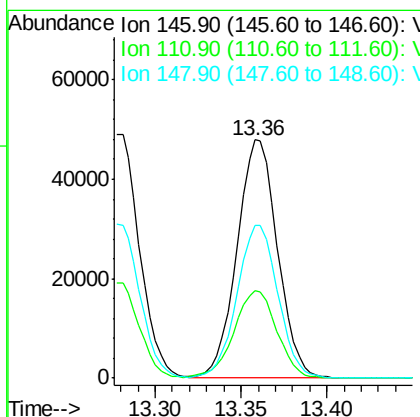
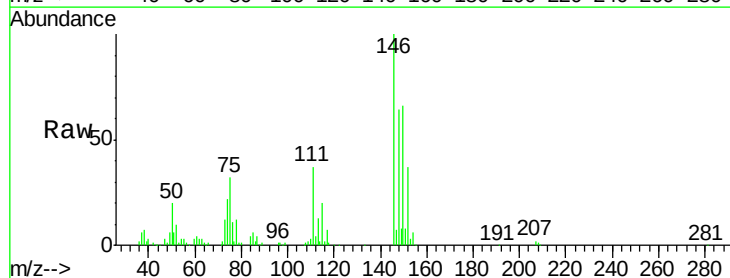
Instrument :
 MSVOA_N
 ClientSampleId :

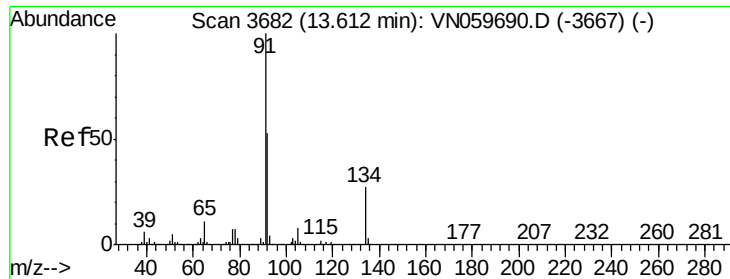
Tot Ion:146 Resp: 80429
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.8 62.2
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.533 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion:146 Resp: 78530
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.8 62.2
 148 65.1 31.8 95.4

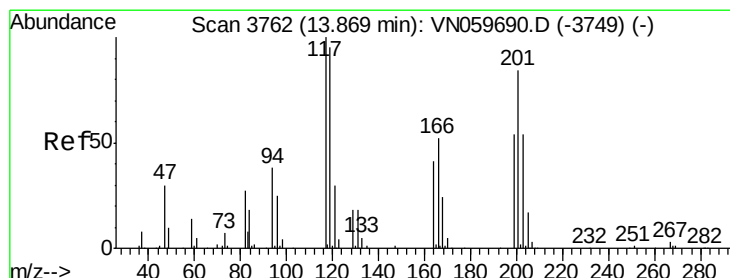
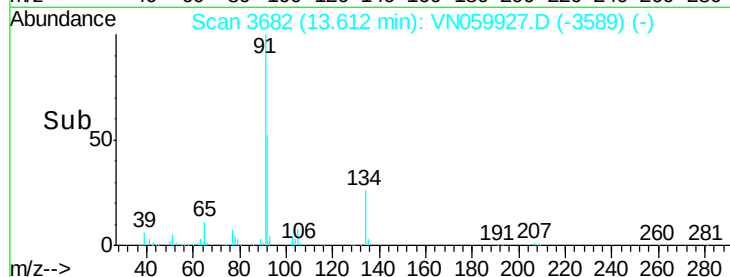
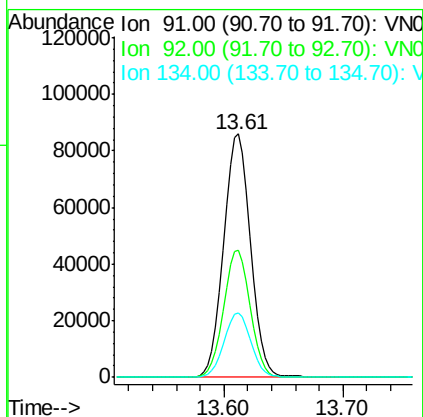
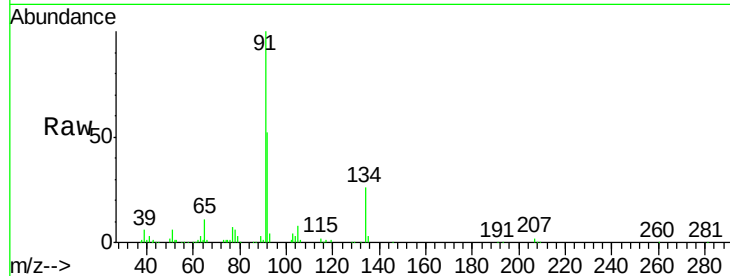




#89
n-Butylbenzene
Concen: 19.504 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

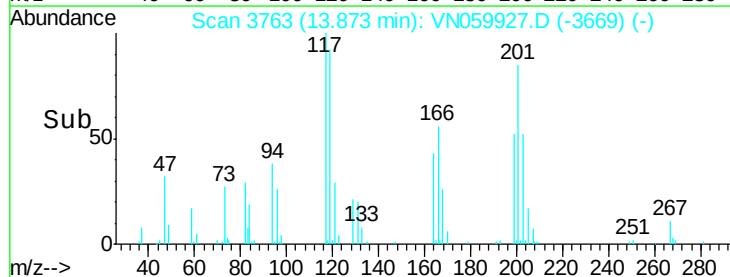
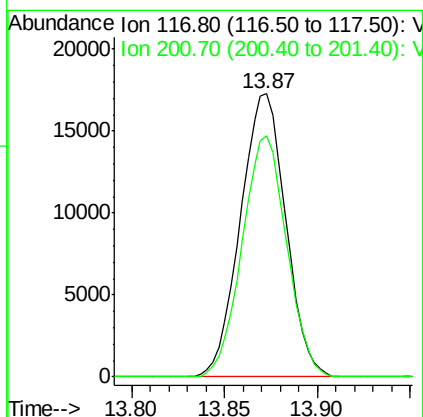
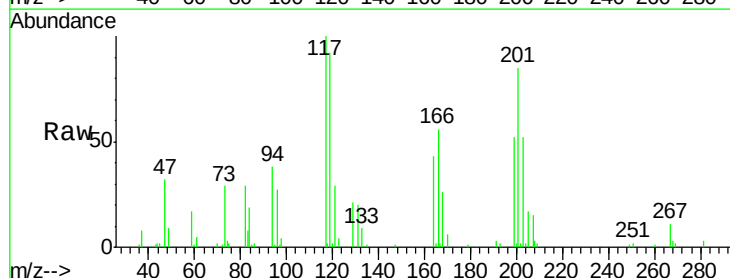
Instrument :
MSVOA_N
ClientSampled :

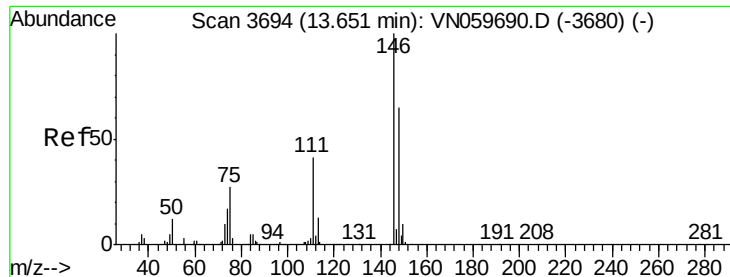
Tot Ion: 91 Resp: 134717
Ion Ratio Lower Upper
91 100
92 51.7 25.9 77.7
134 26.3 12.3 36.8



#90
Hexachloroethane
Concen: 19.310 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion: 117 Resp: 29268
Ion Ratio Lower Upper
117 100
201 83.6 37.8 113.4

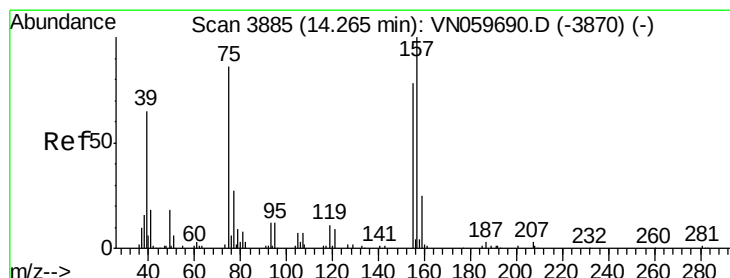
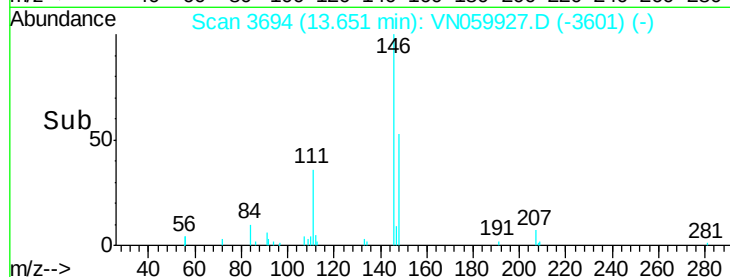
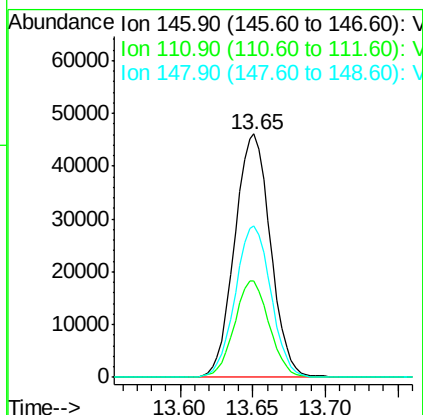
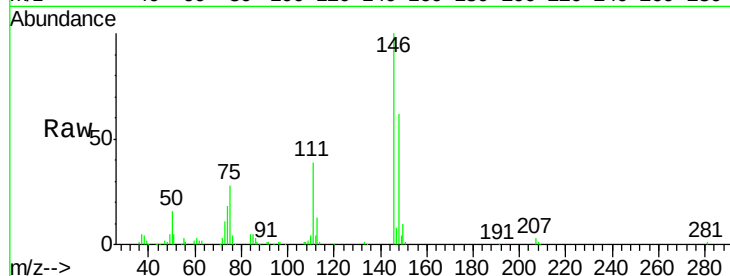




#91
 1,2-Dichlorobenzene
 Concen: 19.856 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

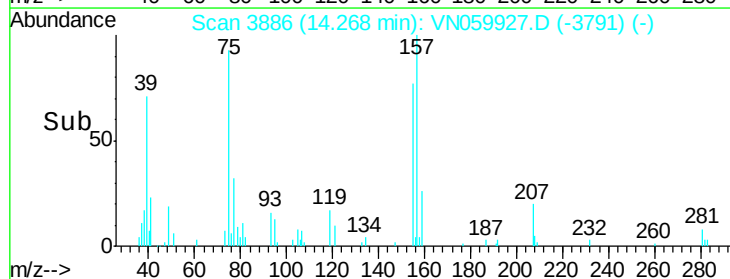
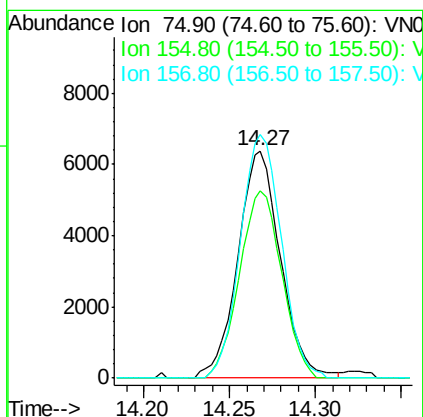
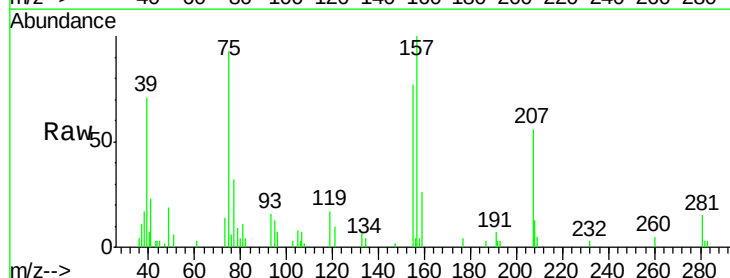
Instrument :
 MSVOA_N
 ClientSampled :

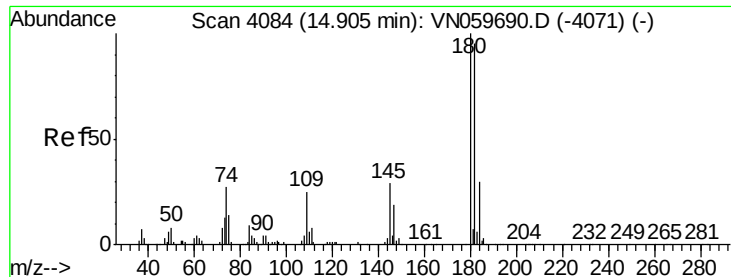
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.6	64.8
148	62.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.004 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	37.0	110.9
157	103.2	48.4	145.2

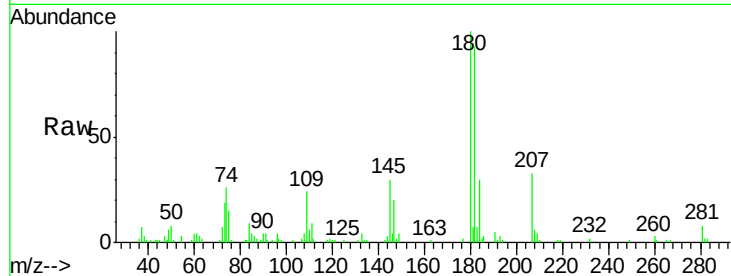




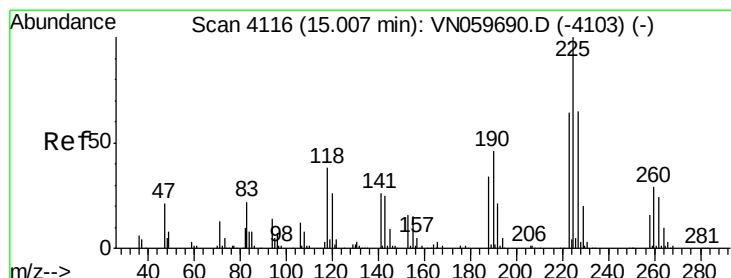
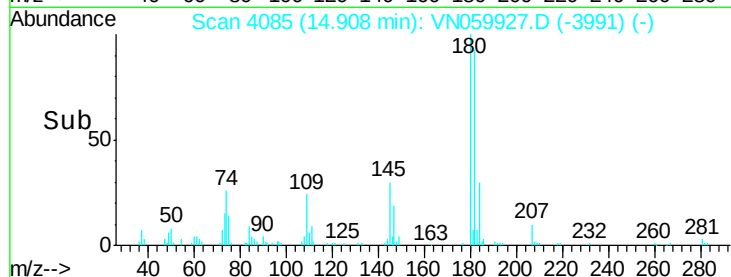
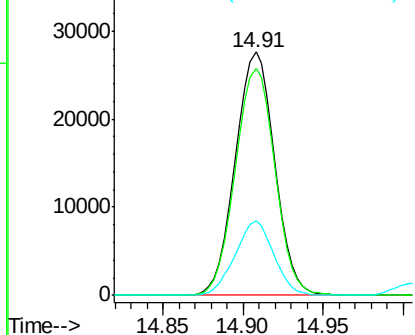
#93
 1,2,4-Trichlorobenzene
 Concen: 19.300 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 46204
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.7
 145 30.0 15.0 45.1

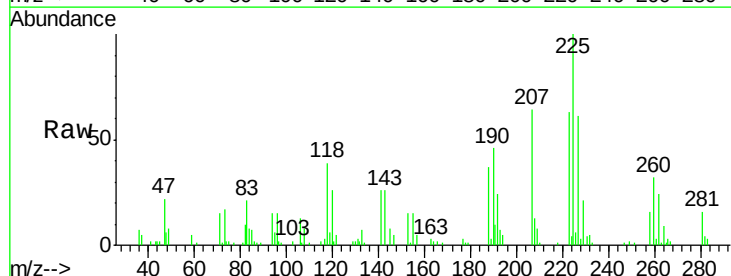


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

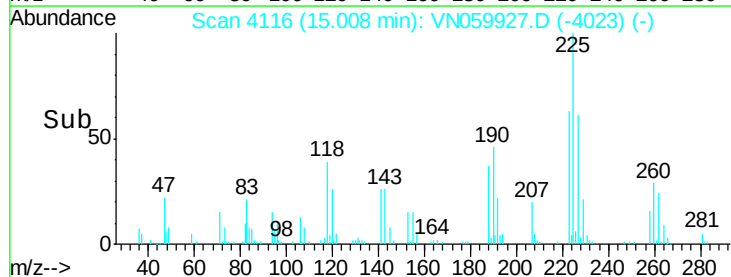
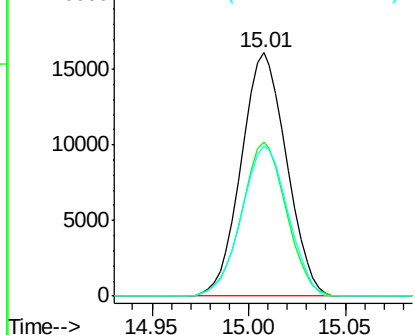


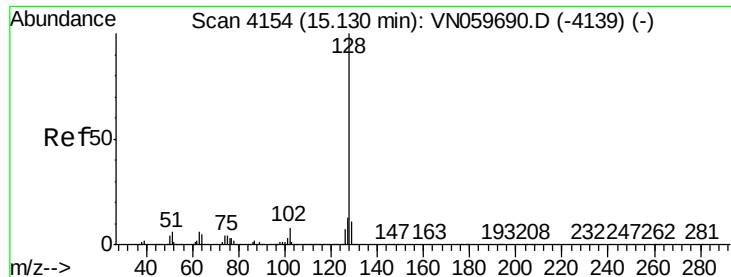
#94
 Hexachlorobutadiene
 Concen: 19.875 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059927.D
 Acq: 30 Jan 2020 14:31

Tgt Ion:225 Resp: 26220
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.8 95.3
 227 62.8 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

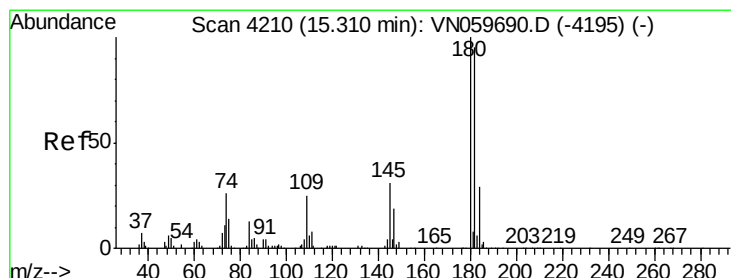
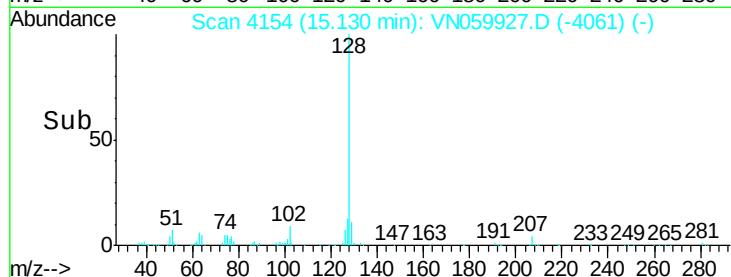
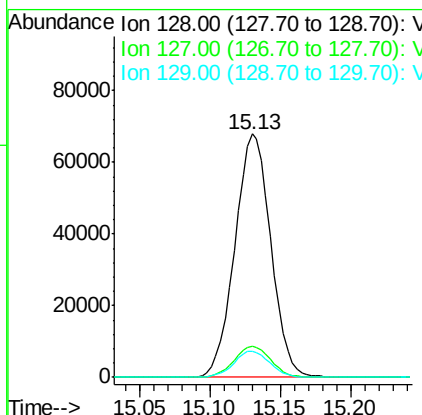
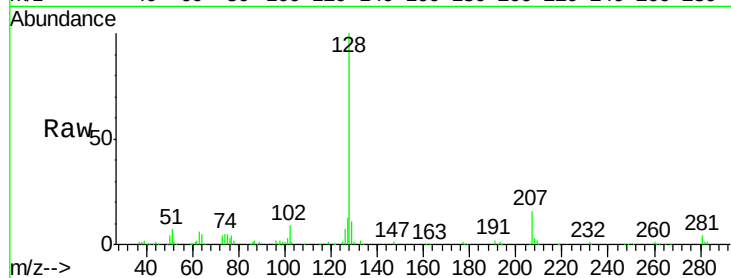




#95
Naphthalene
Concen: 17.795 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 121172
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.648 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059927.D
Acq: 30 Jan 2020 14:31

Tgt Ion:180 Resp: 45784
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 31.2 16.3 48.9

