

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059814.D
 Acq On : 21 Jan 2020 17:34
 Operator : JC/MD
 Sample : VN0121MBSD03
 Misc : 5.00µg/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 02:48:25 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	196849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	271168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106145	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.57	113	89984	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.08	98	342356	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	118131	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43048	18.216	ug/l	99
3) Chloromethane	2.04	50	39712	17.621	ug/l	97
4) Vinyl Chloride	2.17	62	51649	20.030	ug/l	99
5) Bromomethane	2.54	94	30435	19.341	ug/l	97
6) Chloroethane	2.68	64	23833	19.536	ug/l	99
7) Trichlorofluoromethane	3.00	101	60369	19.494	ug/l	99
8) Diethyl Ether	3.38	74	21140	19.452	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34474	20.002	ug/l	92
10) Methyl Iodide	3.93	142	52003	18.667	ug/l	95
11) Tert butyl alcohol	4.73	59	34750	94.426	ug/l	97
12) 1,1-Dichloroethene	3.72	96	34126	18.949	ug/l	89
13) Acrolein	3.58	56	15179	58.267	ug/l	98
14) Allyl chloride	4.29	41	44468	18.319	ug/l #	85
15) Acrylonitrile	4.95	53	79957	95.248	ug/l	99
16) Acetone	3.78	43	77920	98.437	ug/l	96
17) Carbon Disulfide	4.03	76	90562	17.652	ug/l	99
18) Methyl Acetate	4.29	43	48791	19.108	ug/l #	89
19) Methyl tert-butyl Ether	5.01	73	114966	19.579	ug/l	95
20) Methylene Chloride	4.52	84	39088	18.960	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	36360	18.993	ug/l	84
22) Diisopropyl ether	5.92	45	102353	18.606	ug/l #	93
23) Vinyl Acetate	5.86	43	403361	94.703	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	62840	18.695	ug/l	97
25) 2-Butanone	6.80	43	108658	87.772	ug/l #	88
26) 2,2-Dichloropropane	6.80	77	60926	18.854	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	43257	19.645	ug/l	86
28) Bromochloromethane	7.17	49	24556	18.278	ug/l #	70
29) Tetrahydrofuran	7.18	42	69206	90.354	ug/l #	86
30) Chloroform	7.35	83	68291	19.608	ug/l	99
31) Cyclohexane	7.63	56	58083	17.958	ug/l #	86
32) 1,1,1-Trichloroethane	7.55	97	62432	19.388	ug/l	95
36) 1,1-Dichloropropene	7.77	75	48377	18.304	ug/l	96
37) Ethyl Acetate	6.90	43	45599	18.395	ug/l	96
38) Carbon Tetrachloride	7.75	117	56431	19.628	ug/l	97

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 Sample : VN0121MBSD03
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 02:48:25 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)
39) Methylcyclohexane	9.07	83	59598	18.288	ug/l	92
40) Benzene	8.02	78	148707	18.866	ug/l	100
41) Methacrylonitrile	7.18	41	63715	52.183	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	52088	19.490	ug/l	97
43) Isopropyl Acetate	8.14	43	76878	18.030	ug/l #	94
44) Trichloroethene	8.82	130	42568	19.782	ug/l	97
45) 1,2-Dichloropropane	9.10	63	37682	19.319	ug/l	98
46) Dibromomethane	9.19	93	26700	19.406	ug/l #	89
47) Bromodichloromethane	9.39	83	54795	19.763	ug/l	96
48) Methyl methacrylate	9.18	41	32375	16.975	ug/l #	84
49) 1,4-Dioxane	9.18	88	13094	375.038	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	225433	91.462	ug/l	95
52) Toluene	10.14	92	94465	18.973	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	58474	18.888	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	63120	19.377	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	38623	19.586	ug/l	97
56) Ethyl methacrylate	10.42	69	53960	17.908	ug/l	93
57) 1,3-Dichloropropane	10.70	76	61776	19.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	79904	88.043	ug/l #	90
59) 2-Hexanone	10.74	43	163427	90.002	ug/l	94
60) Dibromochloromethane	10.89	129	43876	19.539	ug/l	99
61) 1,2-Dibromoethane	10.99	107	39760	19.237	ug/l	99
64) Tetrachloroethene	10.62	164	43633	19.743	ug/l	93
65) Chlorobenzene	11.43	112	102638	19.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40299	19.568	ug/l	99
67) Ethyl Benzene	11.50	91	184107	19.028	ug/l	100
68) m/p-Xylenes	11.62	106	140325	38.394	ug/l	93
69) o-Xylene	11.94	106	67748	18.934	ug/l	94
70) Styrene	11.96	104	108670	18.150	ug/l	96
71) Bromoform	12.12	173	32501	19.702	ug/l #	98
73) Isopropylbenzene	12.25	105	181014	19.743	ug/l	99
74) N-amyl acetate	12.07	43	63150	17.751	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	51864	19.513	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	69394	32.984	ug/l #	100
77) Bromobenzene	12.52	156	47236	20.345	ug/l	80
78) n-propylbenzene	12.59	91	198795	19.318	ug/l	97
79) 2-Chlorotoluene	12.67	91	118368	19.335	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	149598	19.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18883	19.275	ug/l	94
82) 4-Chlorotoluene	12.77	91	121240	19.745	ug/l	97
83) tert-Butylbenzene	12.99	119	133253	19.982	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	148808	19.508	ug/l	97
85) sec-Butylbenzene	13.17	105	170408	19.449	ug/l	99
86) p-Isopropyltoluene	13.29	119	155670	19.202	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	79170	19.630	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	76956	19.127	ug/l	98
89) n-Butylbenzene	13.61	91	129232	18.695	ug/l	98
90) Hexachloroethane	13.87	117	28838	19.012	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	77873	19.531	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11472	18.806	ug/l	82

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MSVOA_N
ClientSampleId :

Quant Time: Jan 22 02:48:25 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)
93) 1,2,4-Trichlorobenzene	14.91	180	45988	19.195	ug/l	99
94) Hexachlorobutadiene	15.01	225	26016	19.706	ug/l	100
95) Naphthalene	15.13	128	126004	18.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45677	19.587	ug/l	98

(#) = 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: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

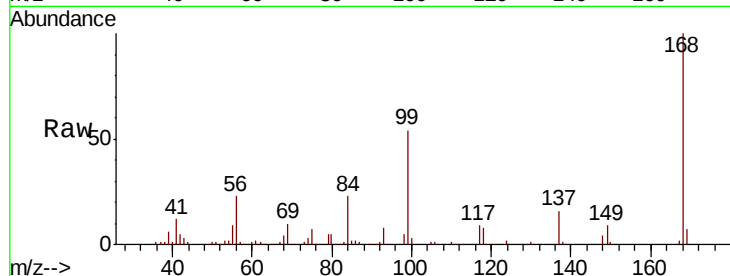
ClientSampled :

Tot Ion:168 Resp: 196849

Ion Ratio Lower Upper

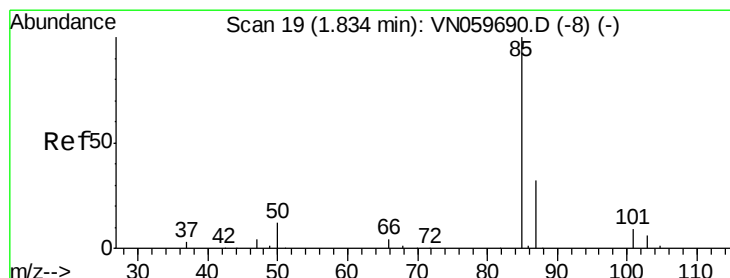
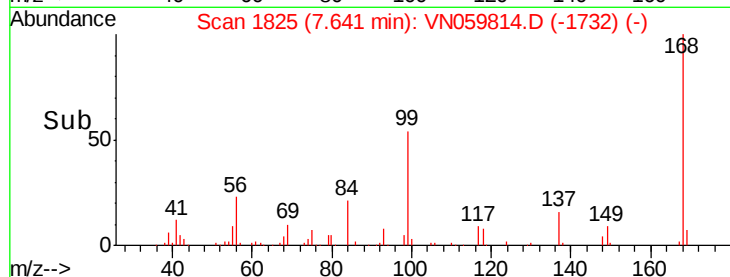
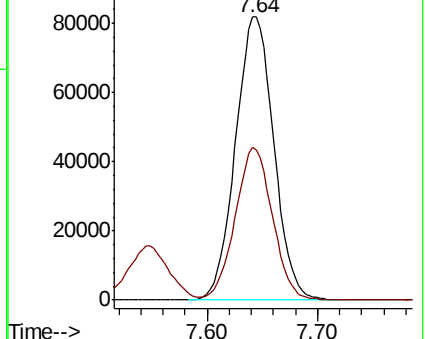
168 100

99 53.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.216 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059814.D

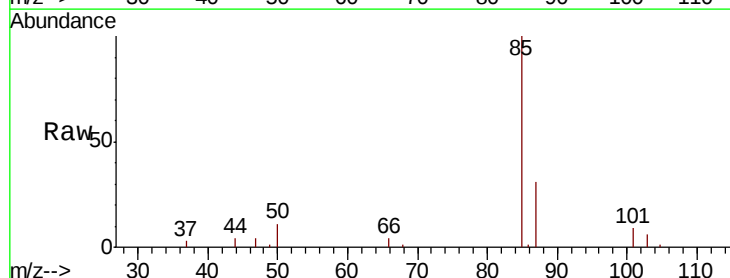
Acq: 21 Jan 2020 17:34

Tgt Ion: 85 Resp: 43048

Ion Ratio Lower Upper

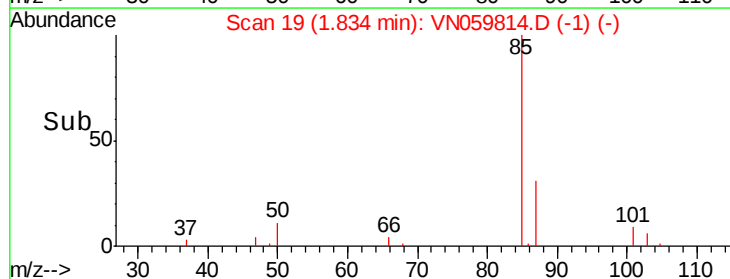
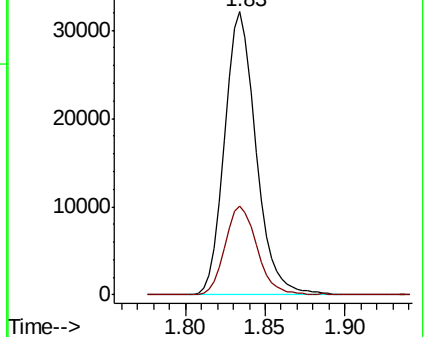
85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.621 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

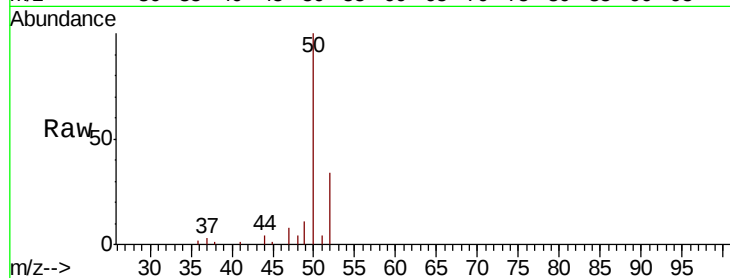
ClientSampled :

Tot Ion: 50 Resp: 39712

Ion Ratio Lower Upper

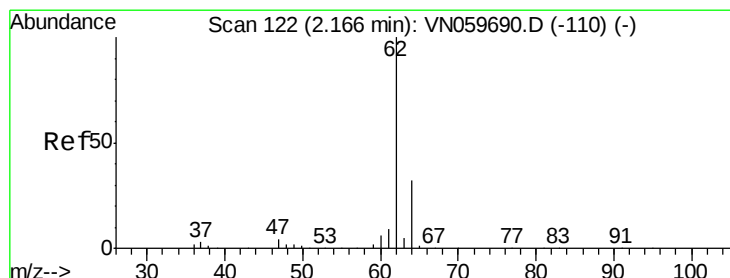
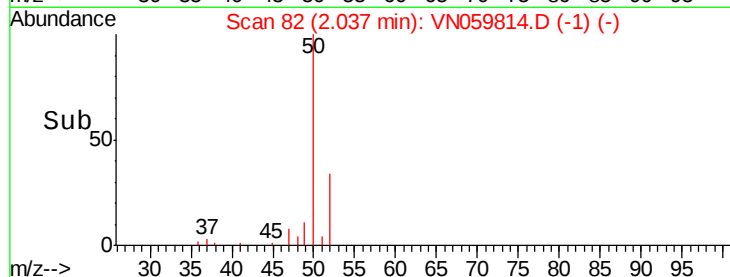
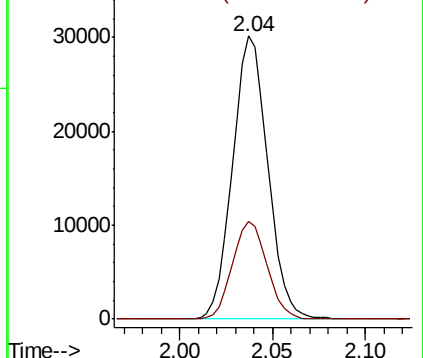
50 100

52 34.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 20.030 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059814.D

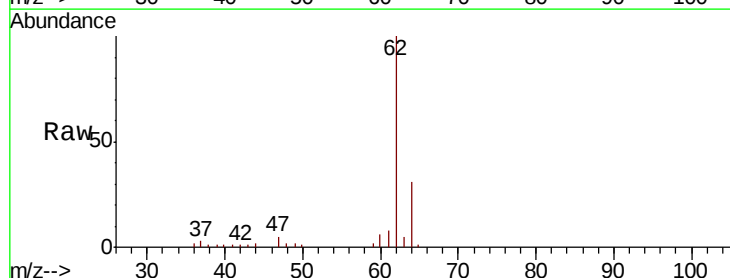
Acq: 21 Jan 2020 17:34

Tgt Ion: 62 Resp: 51649

Ion Ratio Lower Upper

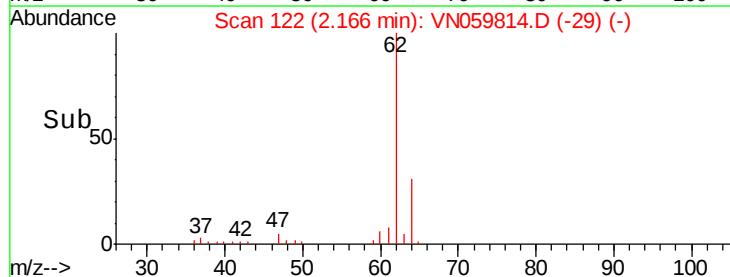
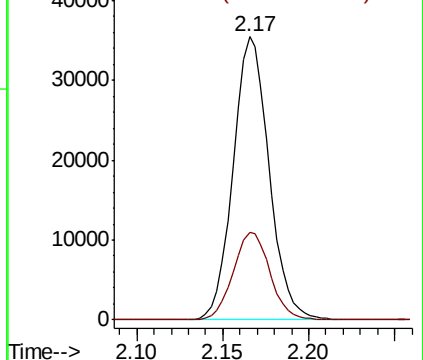
62 100

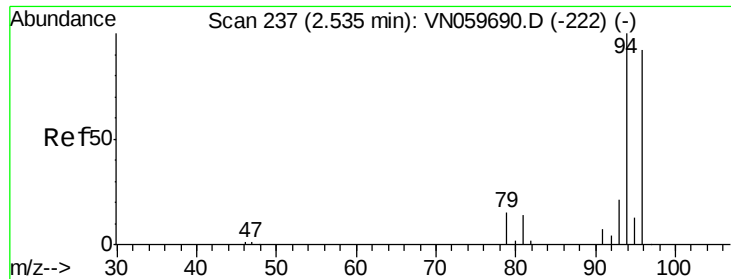
64 31.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

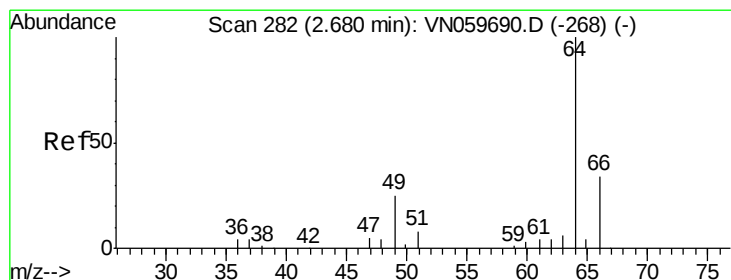
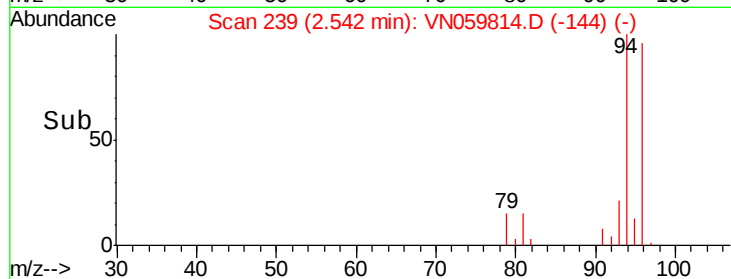
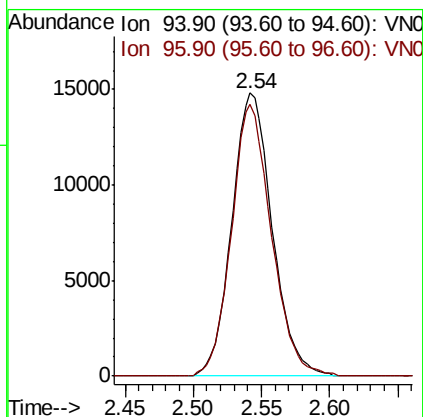
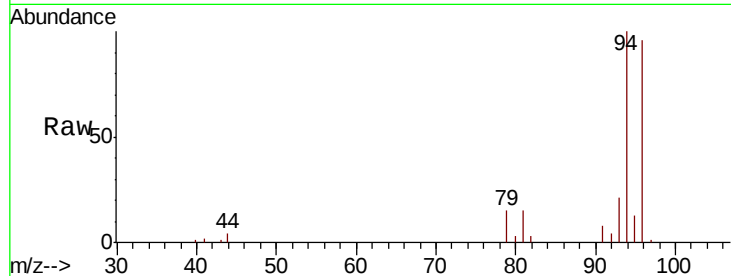




#5
Bromomethane
Concen: 19.341 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

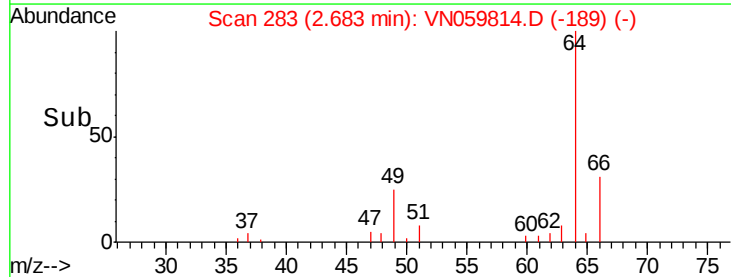
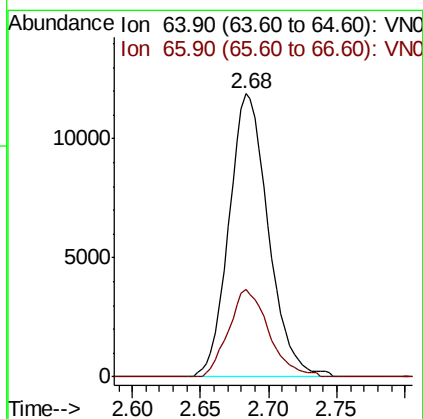
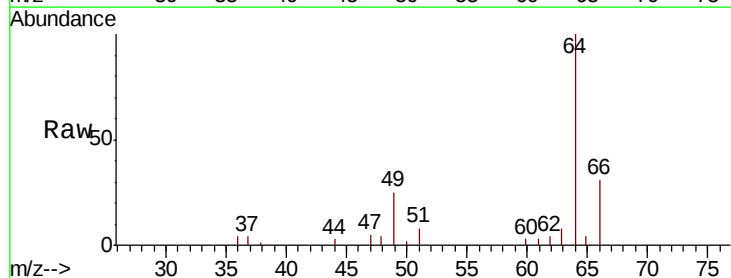
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 30435
Ion Ratio Lower Upper
94 100
96 96.0 74.7 112.1



#6
Chloroethane
Concen: 19.536 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 64 Resp: 23833
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7



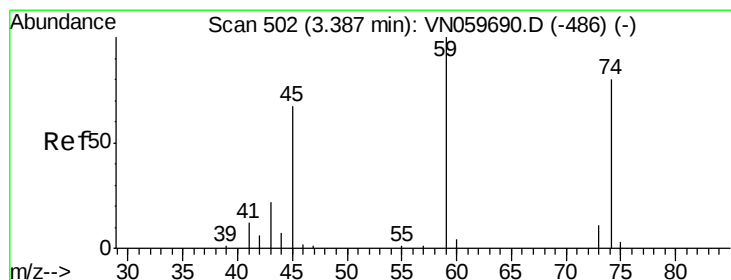
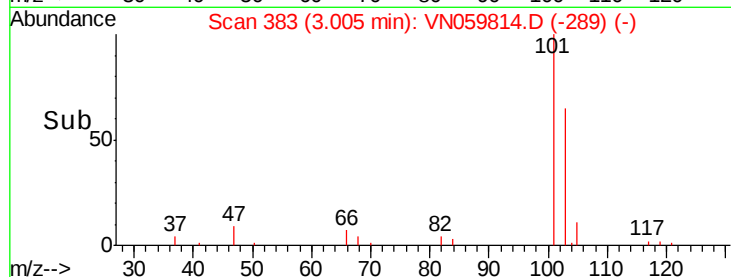
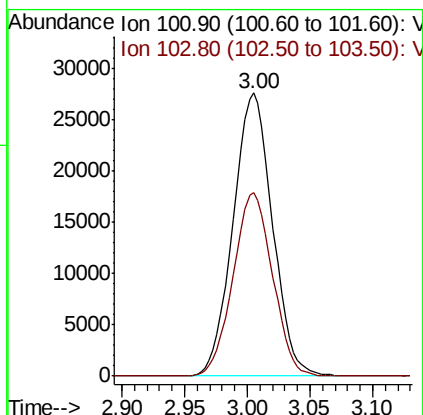
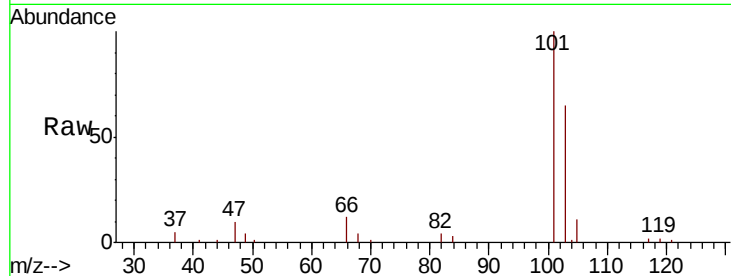


#7

Trichlorofluoromethane
Concen: 19.494 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampled :

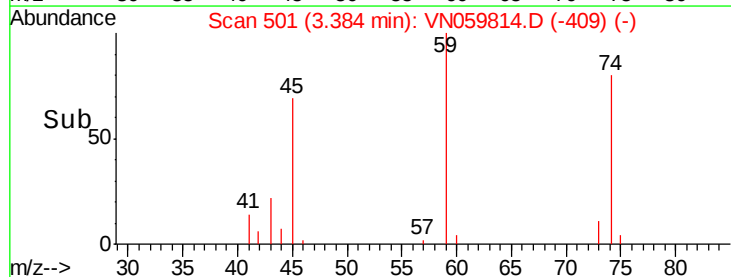
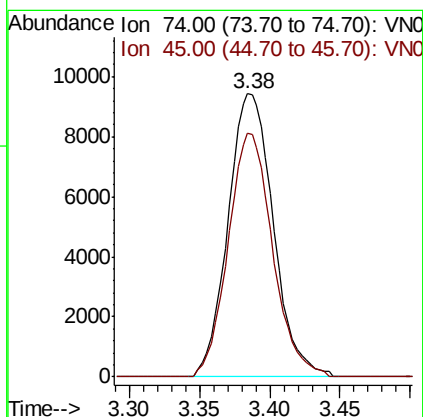
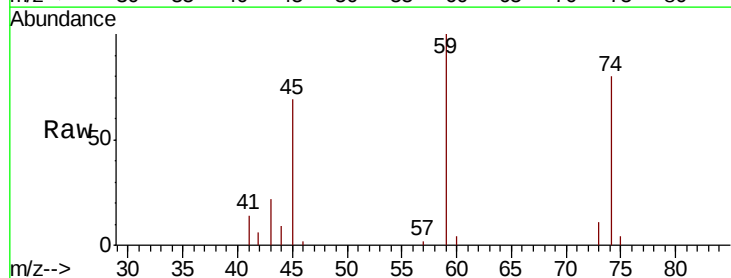
Tot Ion:101 Resp: 60369
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6



#8

Diethyl Ether
Concen: 19.452 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 74 Resp: 21140
Ion Ratio Lower Upper
74 100
45 84.5 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.002 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

ClientSampled :

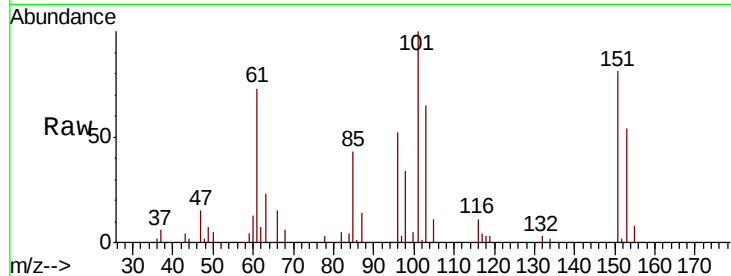
Tot Ion:101 Resp: 34474

Ion Ratio Lower Upper

101 100

85 42.6 36.6 54.8

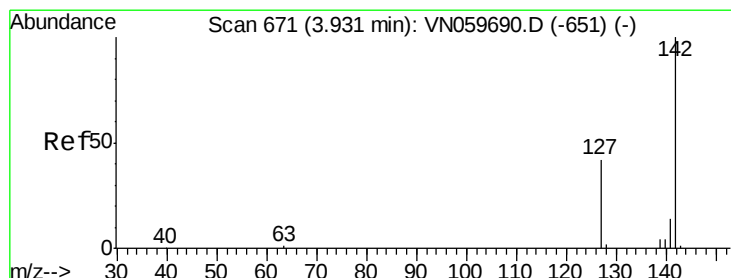
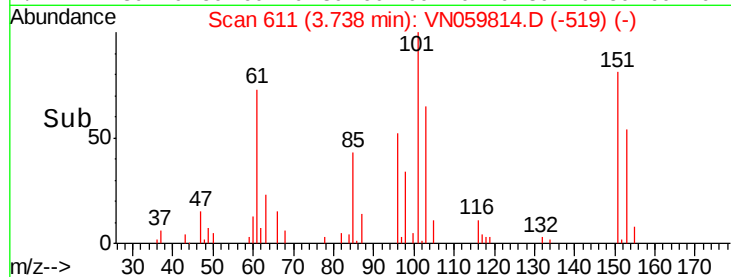
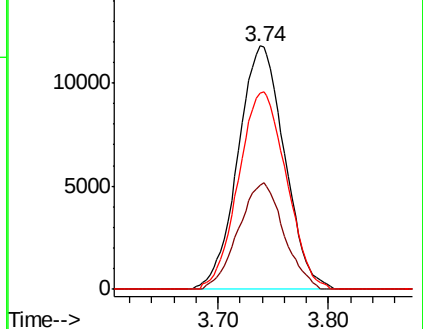
151 83.3 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.667 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

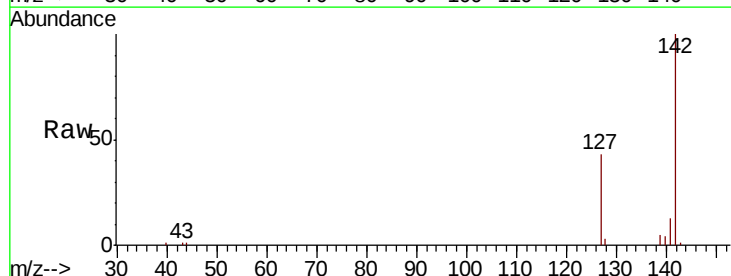
Tgt Ion:142 Resp: 52003

Ion Ratio Lower Upper

142 100

127 42.2 36.7 55.1

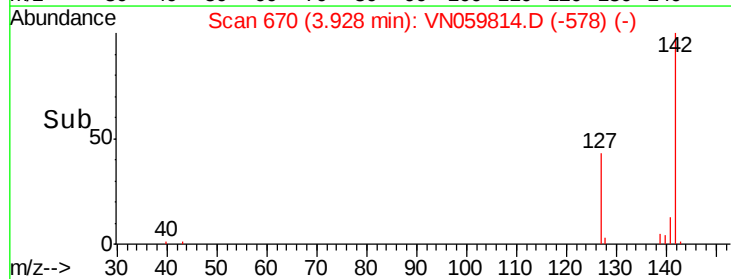
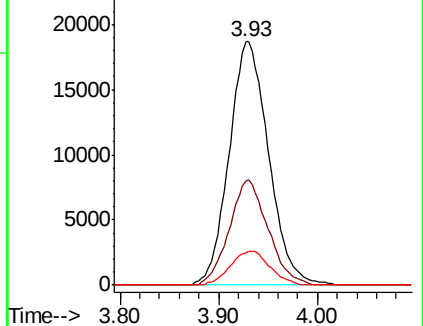
141 13.9 11.7 17.5

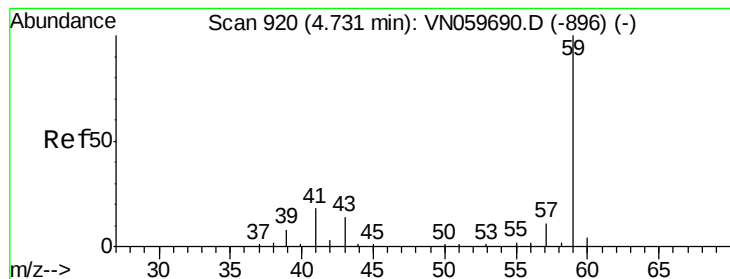


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



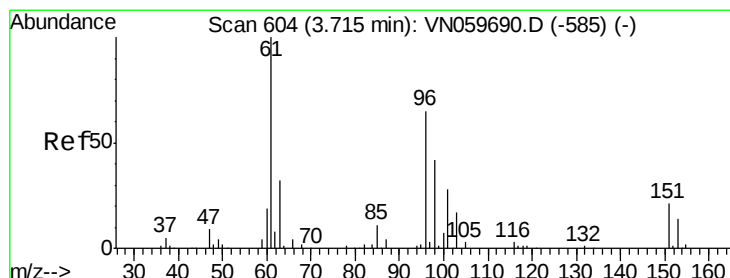
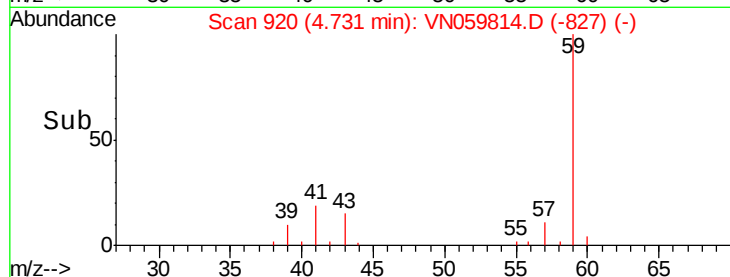
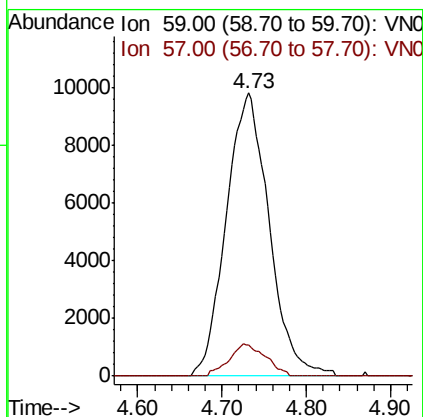
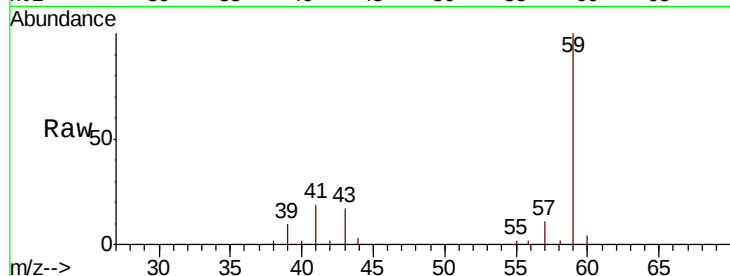


#11

Tert butyl alcohol
 Concen: 94.426 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Instrument :
 MSVOA_N
 ClientSampled :

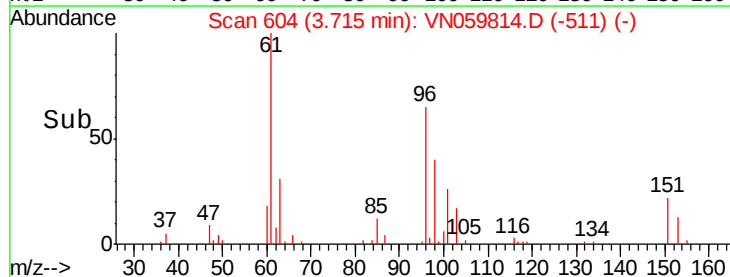
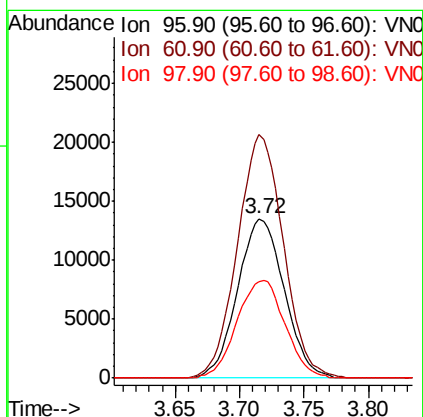
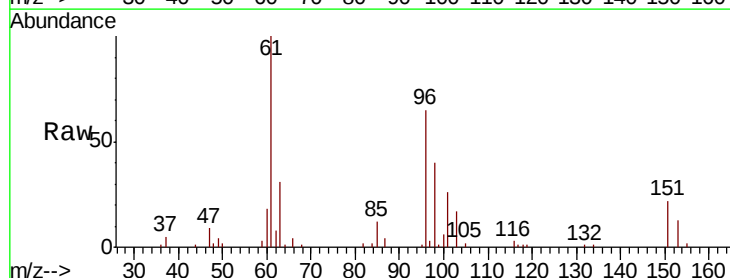
Tot Ion: 59 Resp: 34750
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.6 12.8

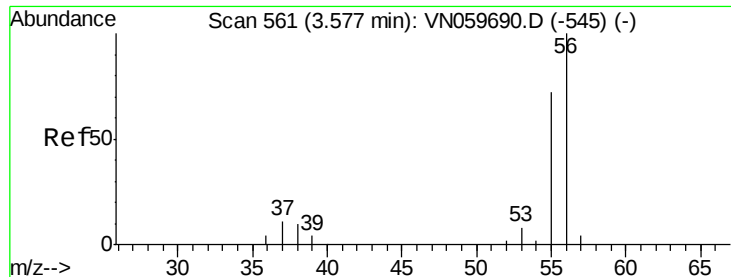


#12

1,1-Dichloroethene
 Concen: 18.949 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Tgt Ion: 96 Resp: 34126
 Ion Ratio Lower Upper
 96 100
 61 153.0 137.5 206.3
 98 60.7 50.2 75.4





#13

Acrolein

Concen: 58.267 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

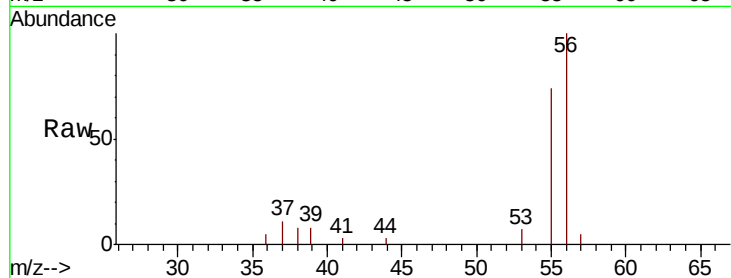
ClientSampleId :

Tot Ion: 56 Resp: 15179

Ion Ratio Lower Upper

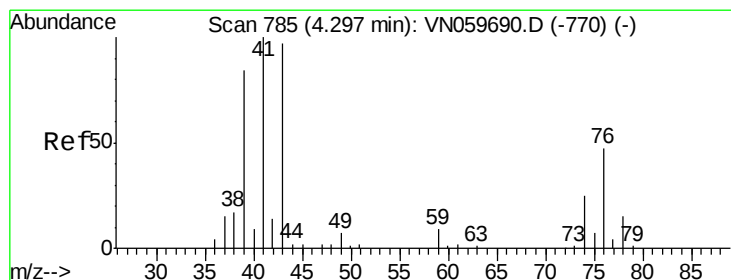
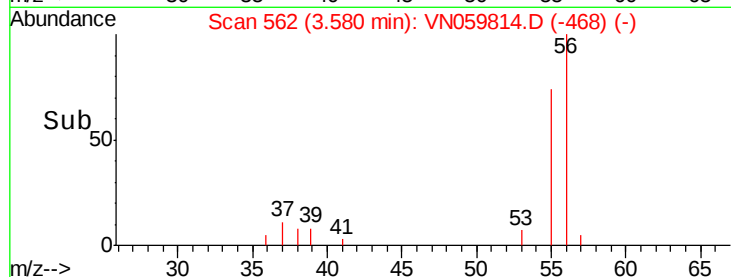
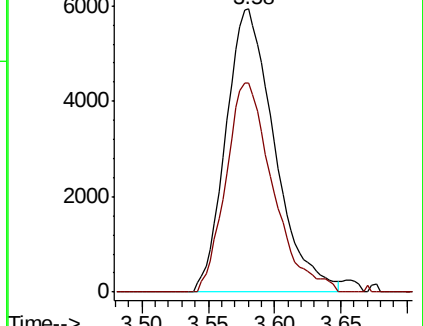
56 100

55 71.2 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059814.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059814.D (-545) (-)



#14

Allyl chloride

Concen: 18.319 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

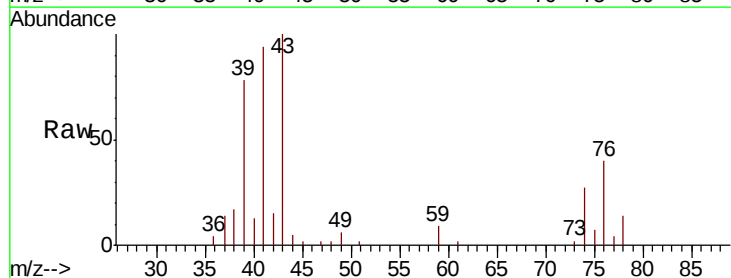
Tgt Ion: 41 Resp: 44468

Ion Ratio Lower Upper

41 100

39 82.5 57.8 86.8

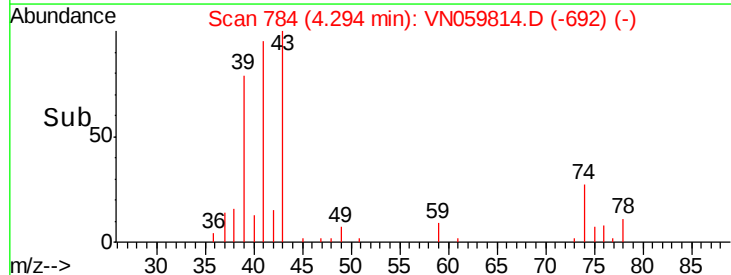
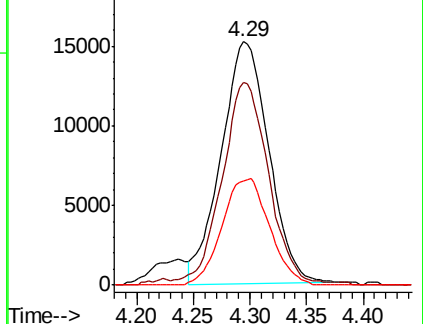
76 43.9 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN059814.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN059814.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN059814.D (-692) (-)





#15

Acrylonitrile

Concen: 95.248 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

ClientSampled :

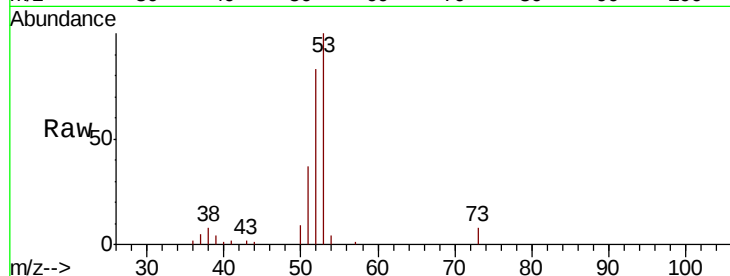
Tot Ion: 53 Resp: 79957

Ion Ratio Lower Upper

53 100

52 84.0 66.3 99.5

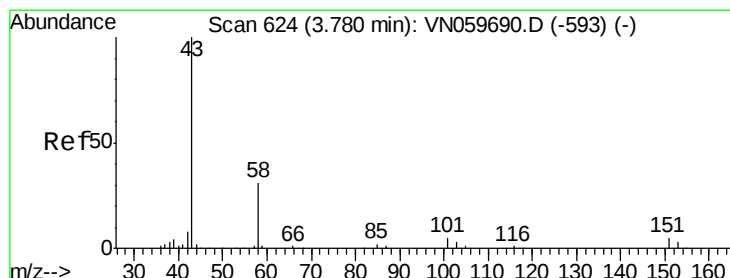
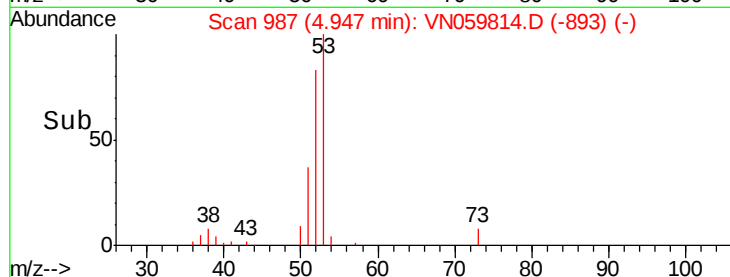
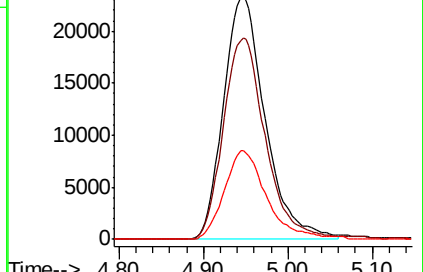
51 37.0 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059814.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN059814.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN059814.D (-964) (-)



#16

Acetone

Concen: 98.437 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059814.D

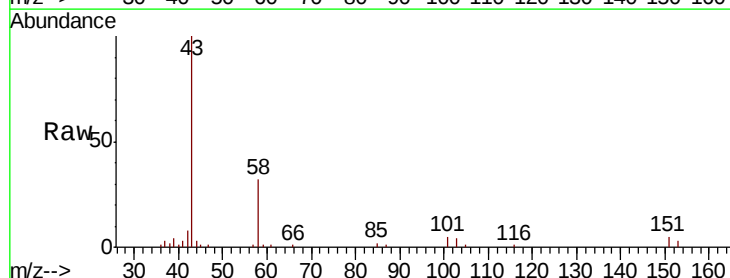
Acq: 21 Jan 2020 17:34

Tgt Ion: 43 Resp: 77920

Ion Ratio Lower Upper

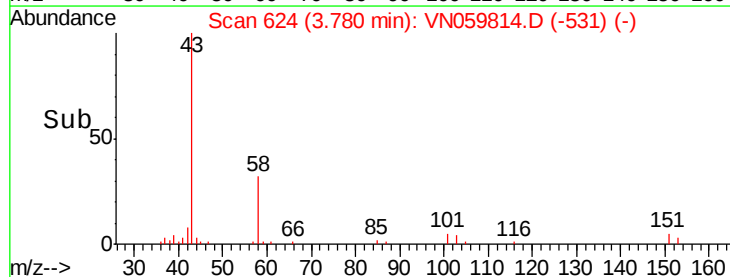
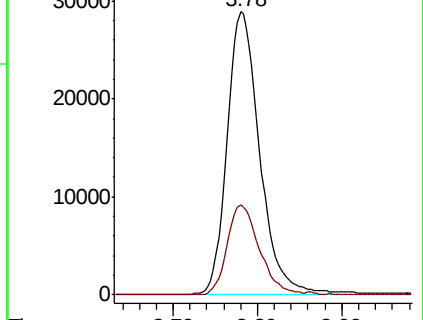
43 100

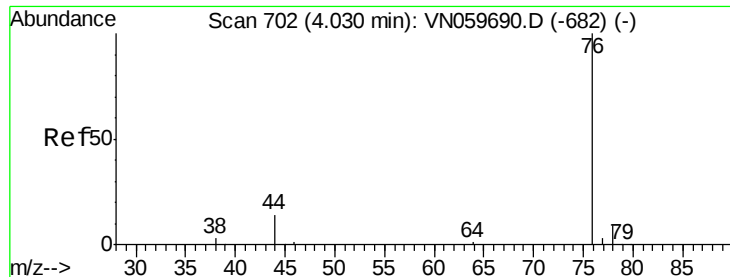
58 31.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059814.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN059814.D (-531) (-)

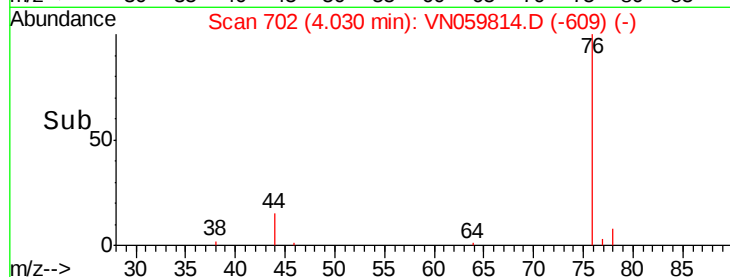
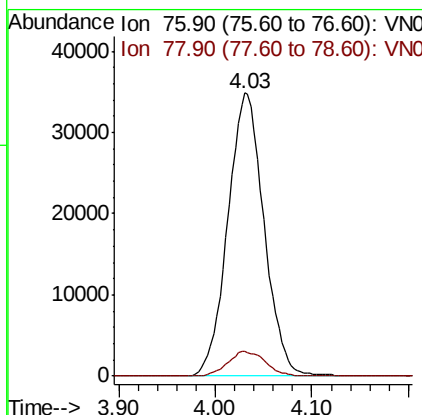
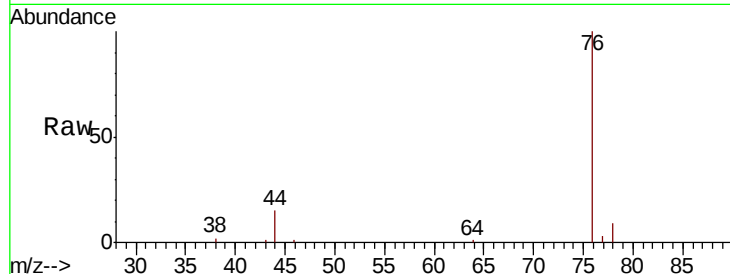




#17
Carbon Disulfide
Concen: 17.652 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

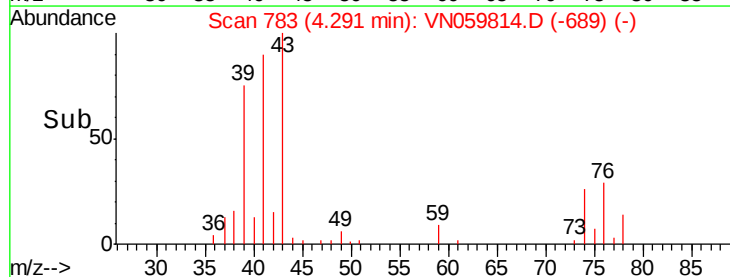
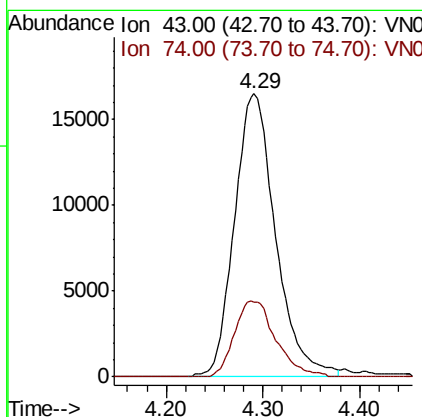
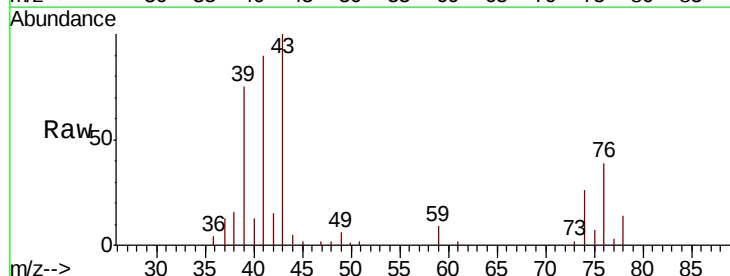
Instrument :
MSVOA_N
ClientSampleId :

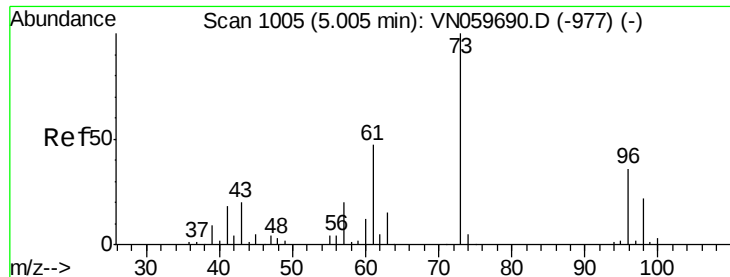
Tot Ion: 76 Resp: 90562
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 19.108 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 43 Resp: 48791
Ion Ratio Lower Upper
43 100
74 27.0 17.5 26.3#

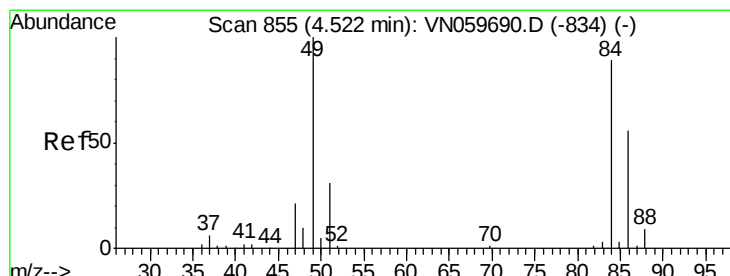
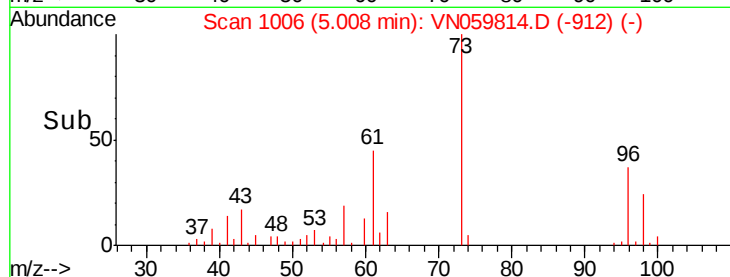
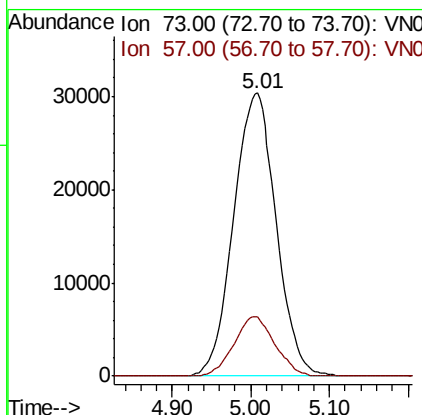
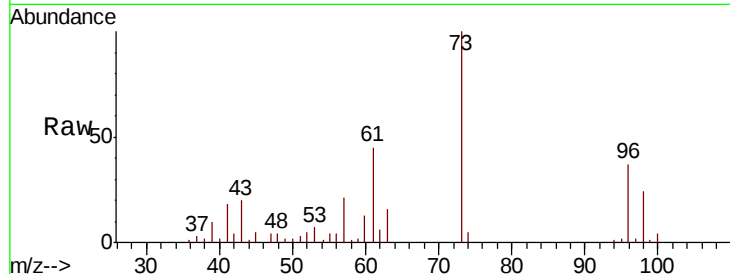




#19
Methvl tert-butvl Ether
Concen: 19.579 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

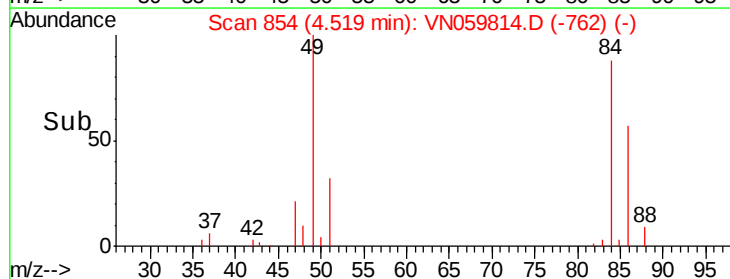
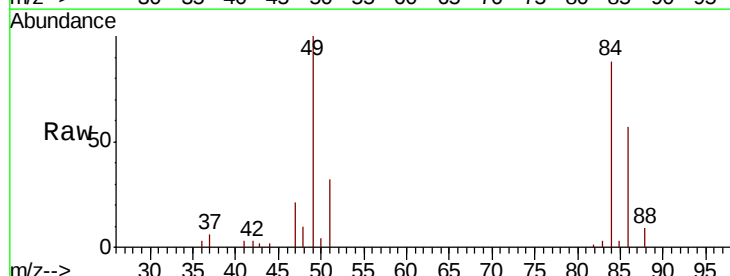
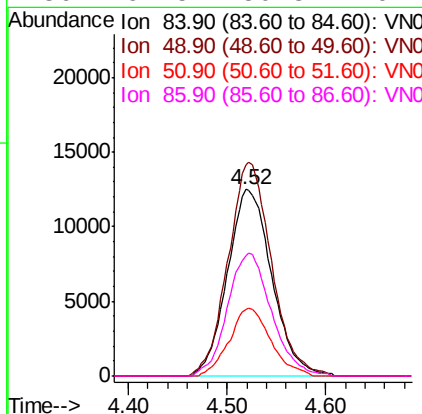
Instrument :
MSVOA_N
ClientSampleId :

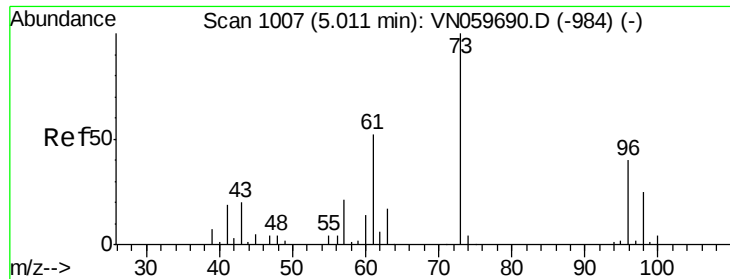
Tot Ion: 73 Resp: 114966
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8



#20
Methylene Chloride
Concen: 18.960 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 84 Resp: 39088
Ion Ratio Lower Upper
84 100
49 113.2 106.6 160.0
51 35.8 31.9 47.9
86 64.5 50.8 76.2

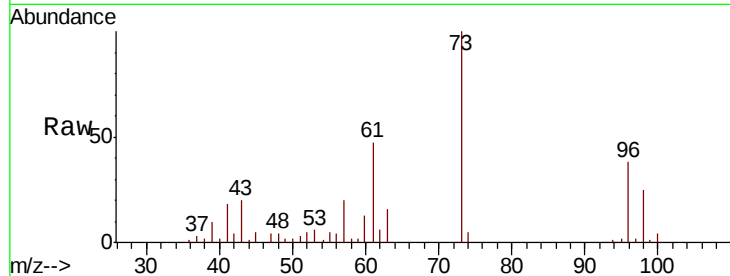




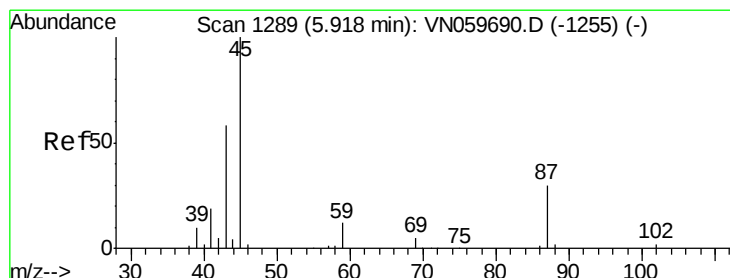
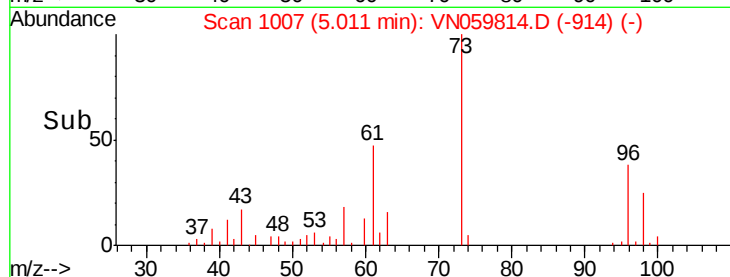
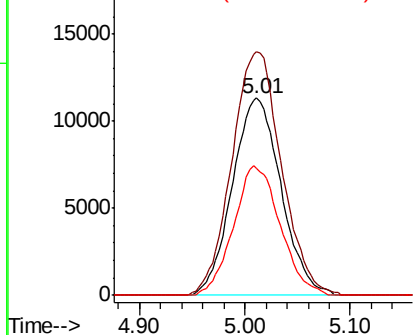
#21
trans-1,2-Dichloroethene
Concen: 18.993 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 36360
Ion Ratio Lower Upper
96 100
61 123.3 120.4 180.6
98 64.4 50.6 75.8

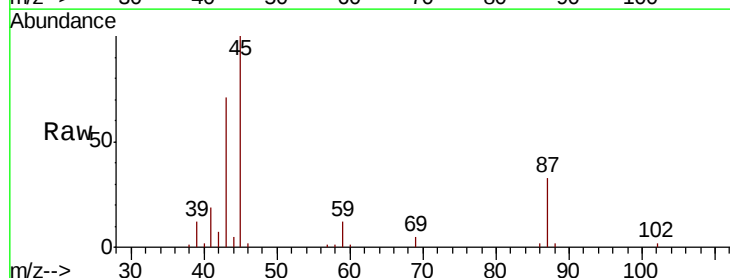


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

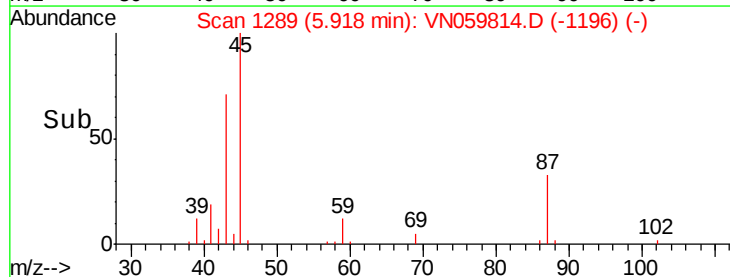
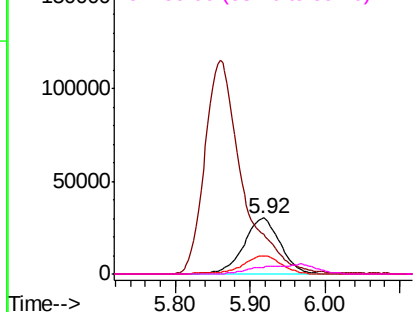


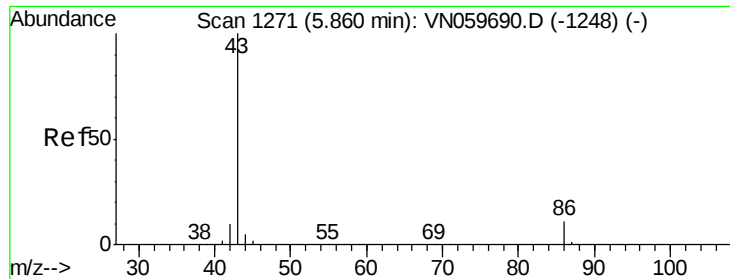
#22
Diisopropyl ether
Concen: 18.606 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 45 Resp: 102353
Ion Ratio Lower Upper
45 100
43 67.9 50.8 76.2
87 32.6 21.0 31.6#
59 12.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 94.703 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

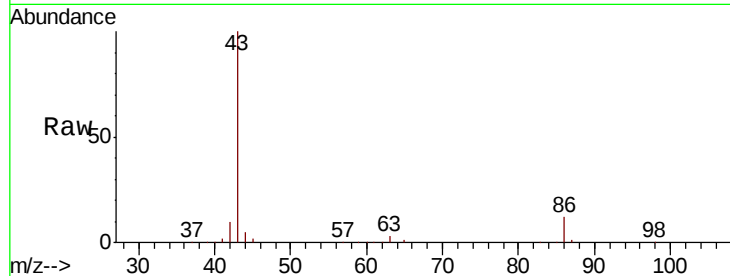
ClientSampled :

Tot Ion: 43 Resp: 403361

Ion Ratio Lower Upper

43 100

86 11.8 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059814.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059814.D (-1178) (-)

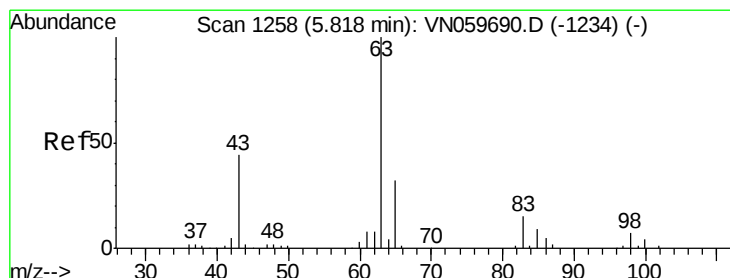
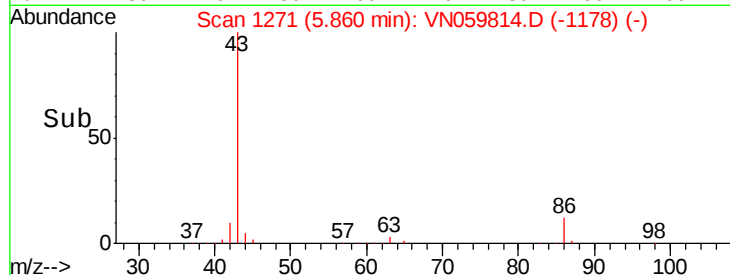
5.86

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.695 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

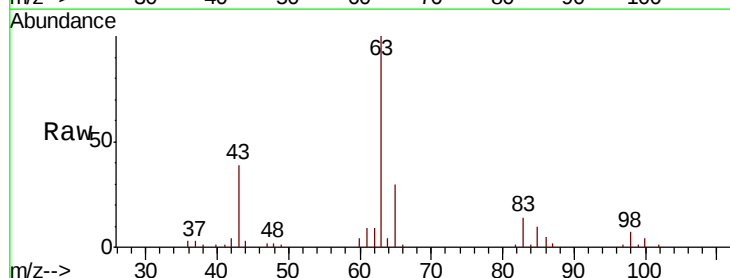
Tgt Ion: 63 Resp: 62840

Ion Ratio Lower Upper

63 100

98 7.2 2.9 8.7

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059814.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059814.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059814.D (-1165) (-)

5.82

25000

20000

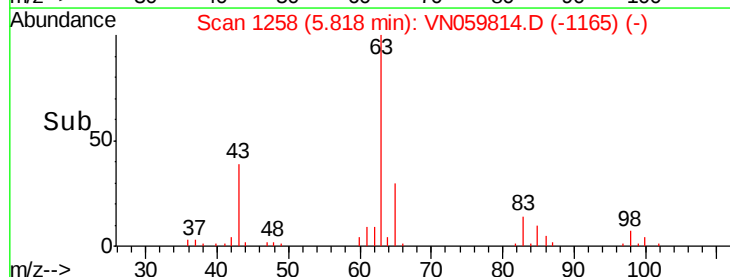
15000

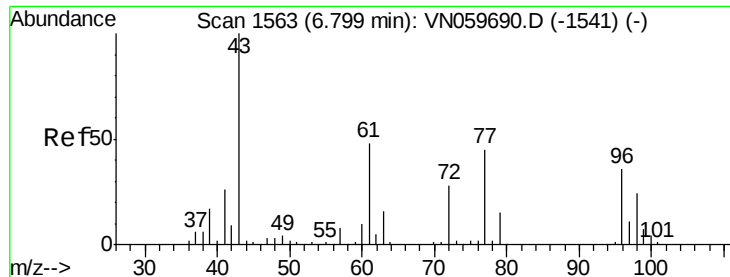
10000

5000

0

Time-->





#25

2-Butanone

Concen: 87.772 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

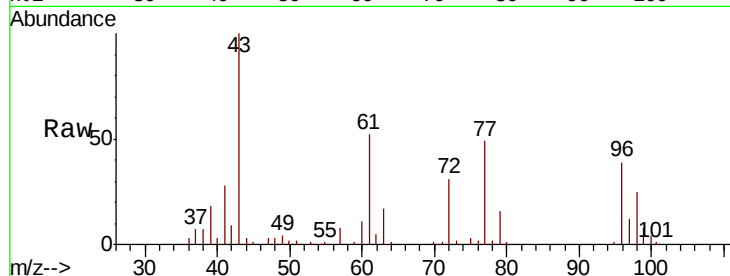
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 108658

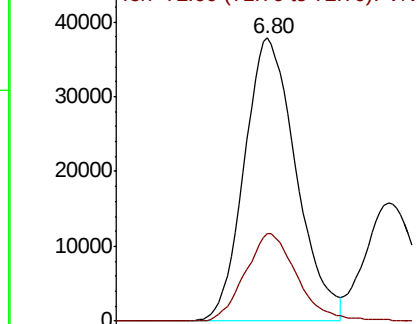
Ion Ratio Lower Upper

43 100

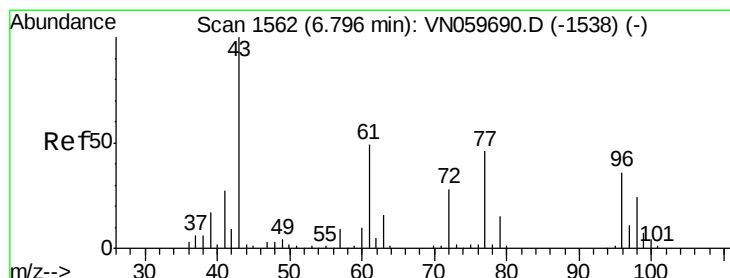
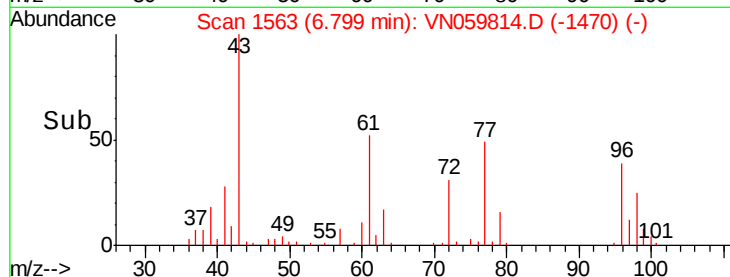
72 30.9 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 18.854 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059814.D

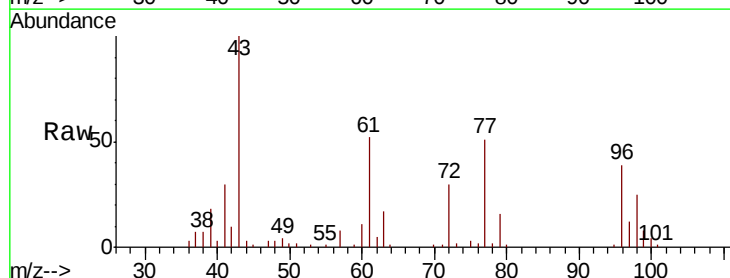
Acq: 21 Jan 2020 17:34

Tgt Ion: 77 Resp: 60926

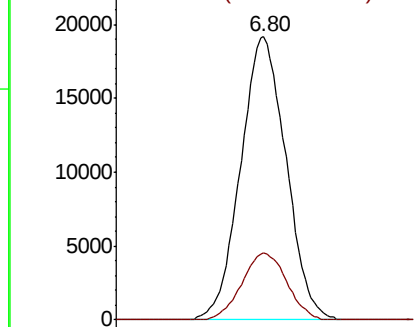
Ion Ratio Lower Upper

77 100

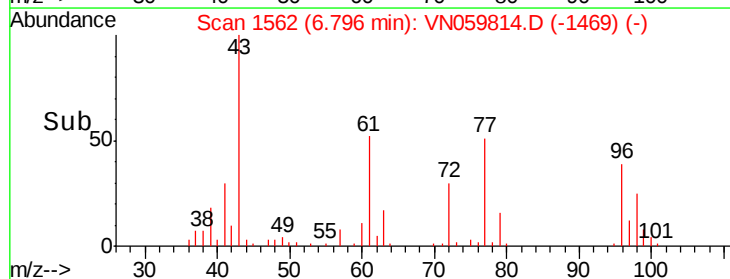
97 23.4 10.7 31.9

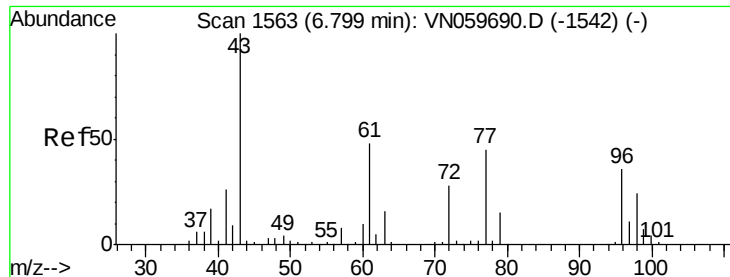


Abundance Ion 76.90 (76.60 to 77.60): VN0
Ion 96.90 (96.60 to 97.60): VN0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.645 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

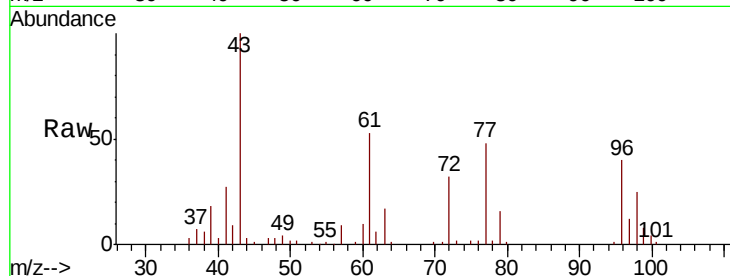
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 96 Resp: 43257

Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	317.6
98	62.7	0.0	127.0

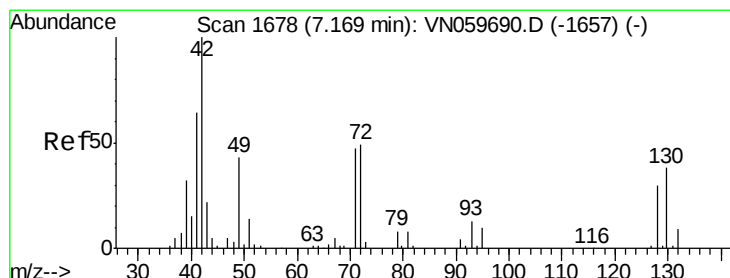
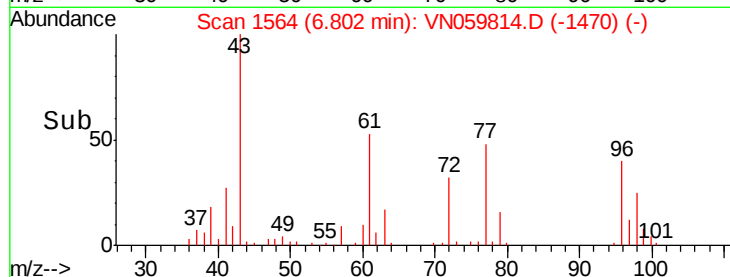
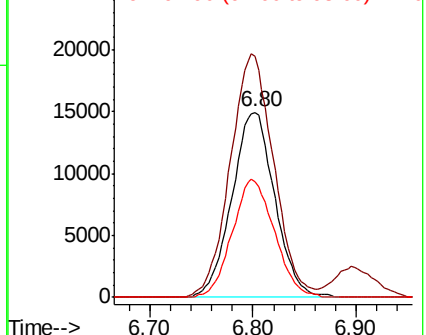


Abundance

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: 18.278 ug/l

RT: 7.17 min Scan# 1678

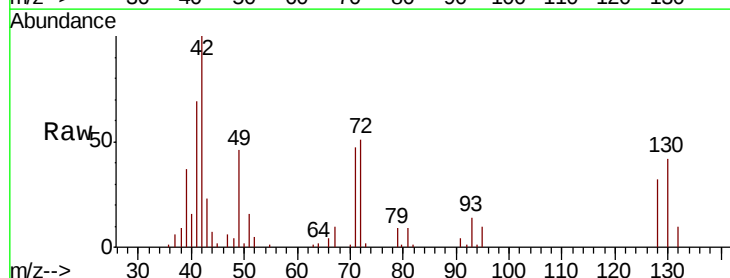
Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Tgt Ion: 49 Resp: 24556

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	93.2	54.7	82.1#

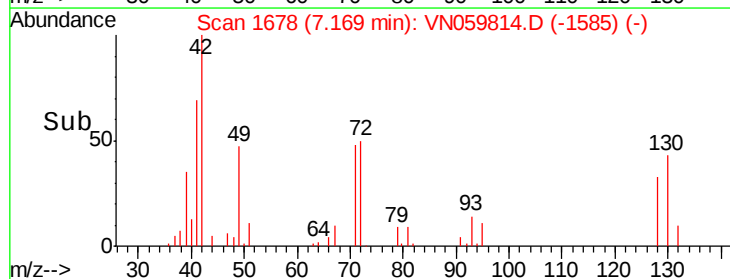
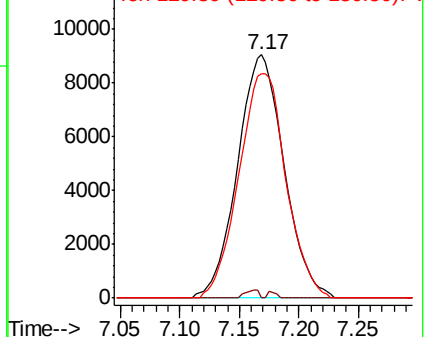


Abundance

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

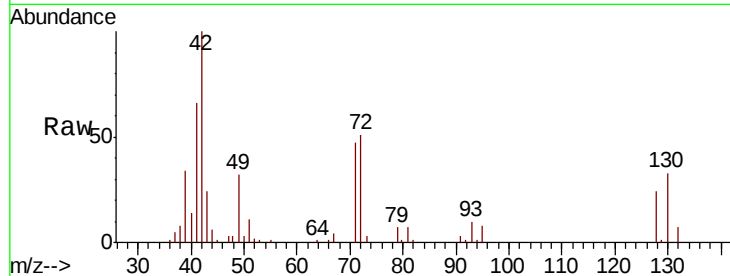




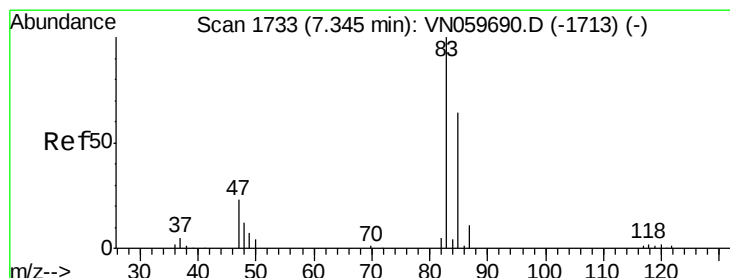
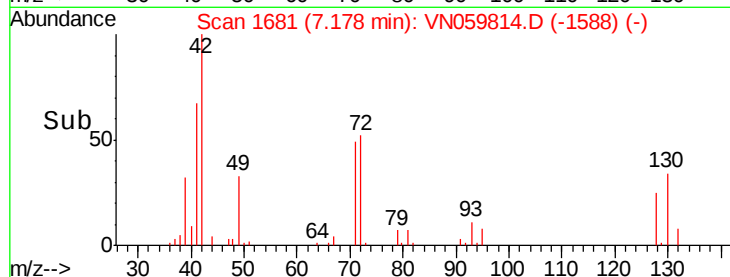
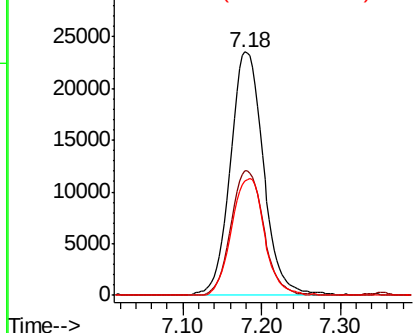
#29
Tetrahydrofuran
Concen: 90.354 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 69206
Ion Ratio Lower Upper
42 100
72 50.3 33.1 49.7#
71 47.6 31.4 47.0#

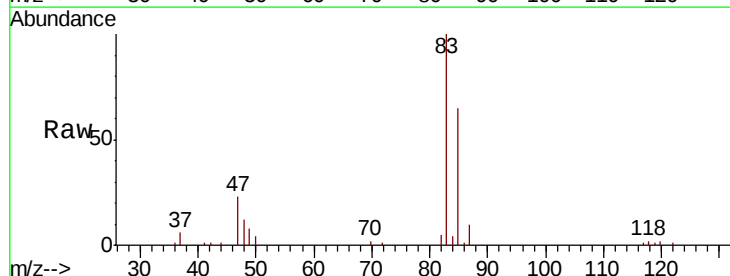


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

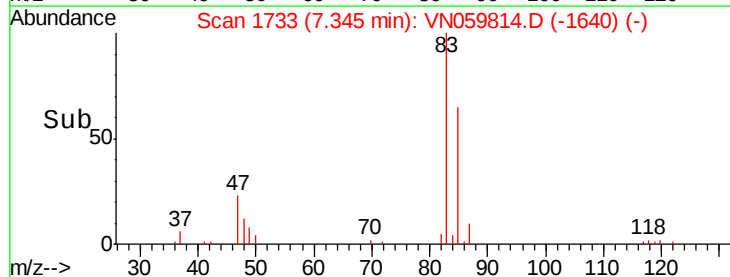
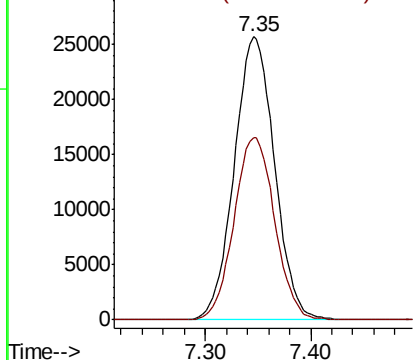


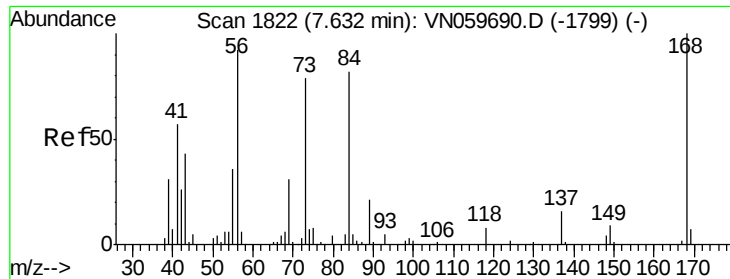
#30
Chloroform
Concen: 19.608 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 83 Resp: 68291
Ion Ratio Lower Upper
83 100
85 64.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

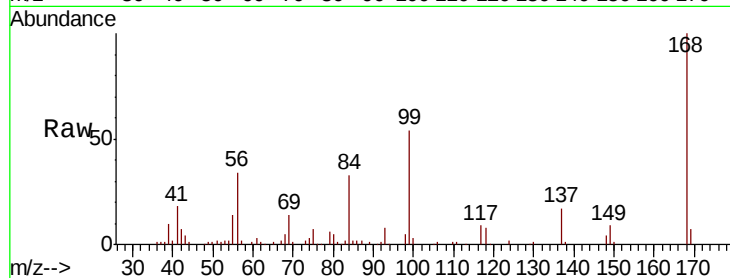




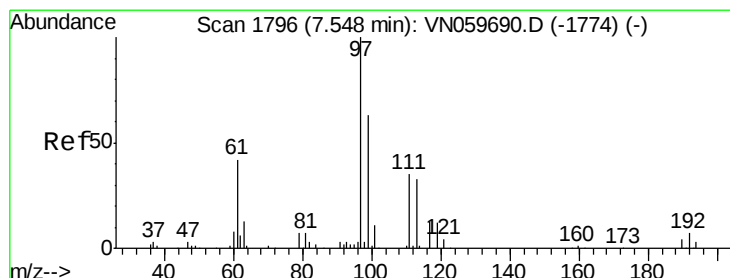
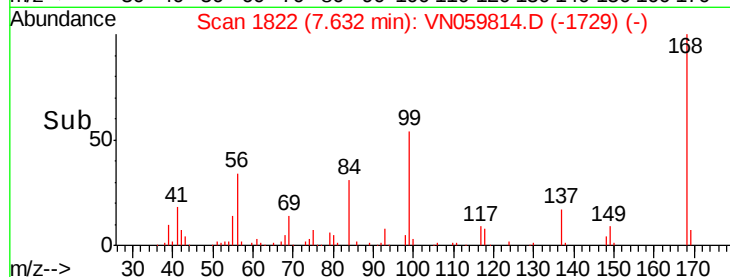
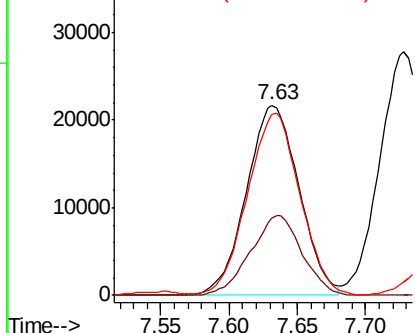
#31
Cyclohexane
Concen: 17.958 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 58083
Ion Ratio Lower Upper
56 100
69 40.7 26.5 39.7#
84 93.9 65.3 97.9

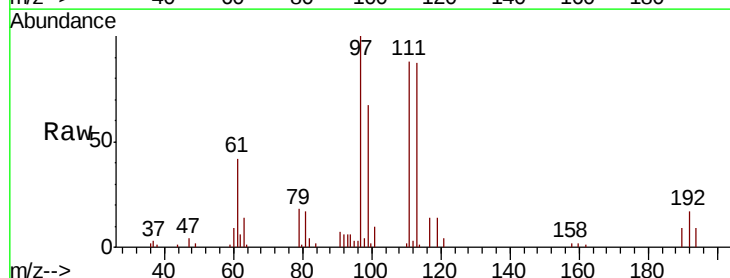


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

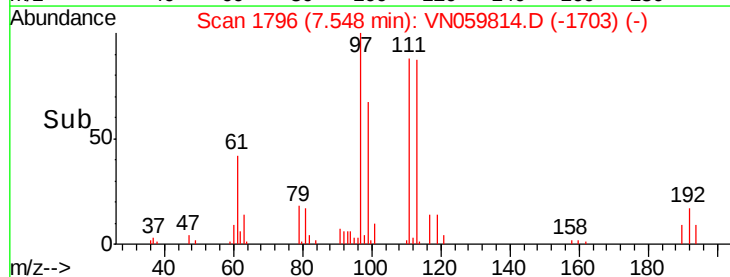
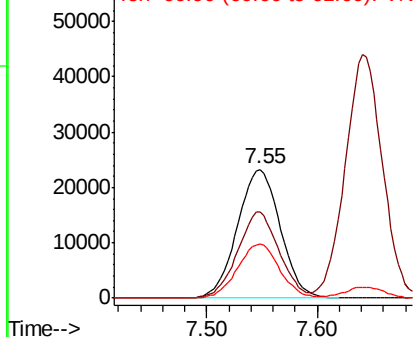


#32
1,1,1-Trichloroethane
Concen: 19.388 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 97 Resp: 62432
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 41.3 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

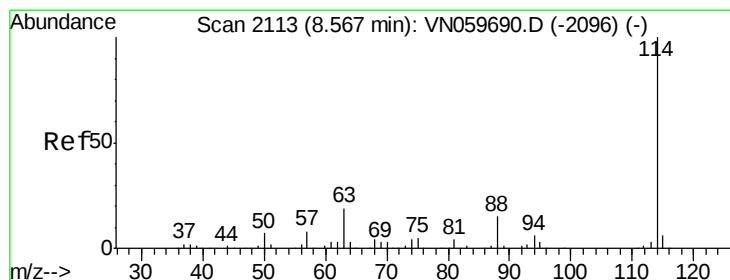
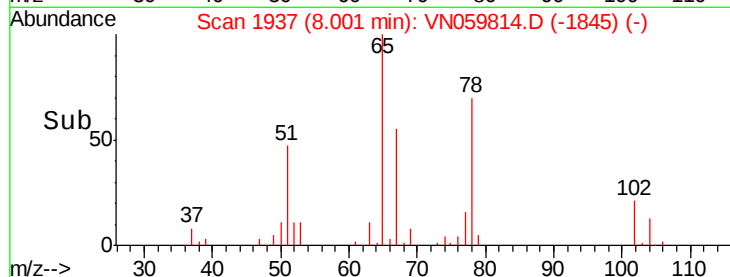
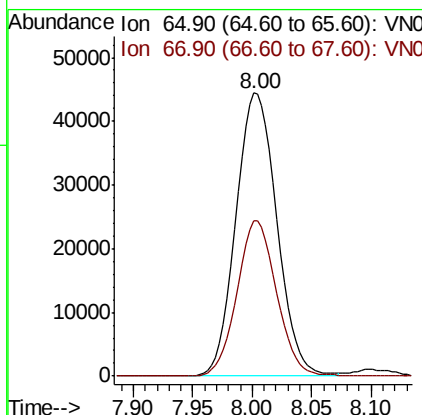
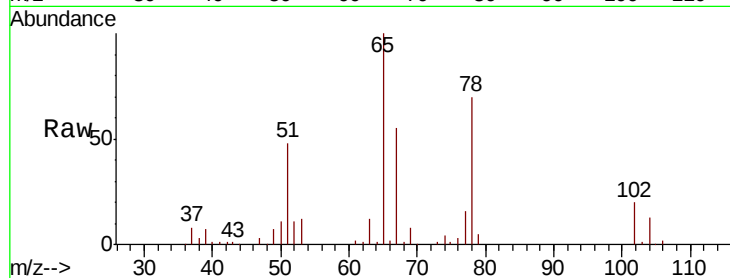




#33
 1,2-Dichloroethane-d4
 Concen: 48.555 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

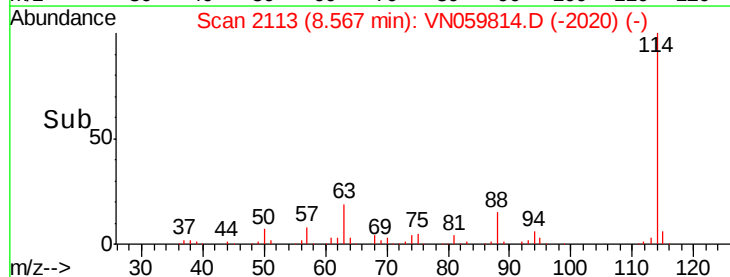
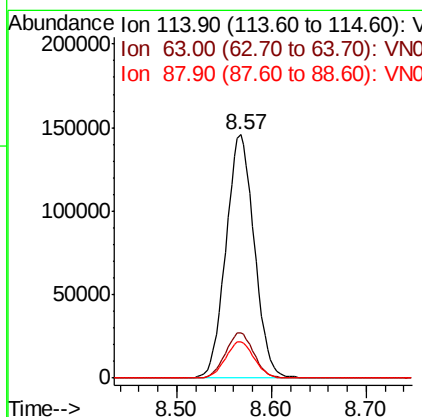
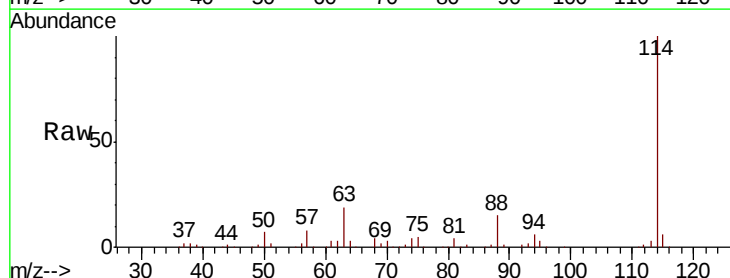
Instrument :
 MSVOA_N
 ClientSampleId :

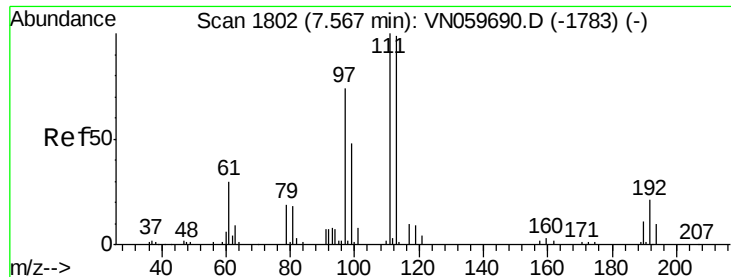
Tot Ion: 65 Resp: 106145
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Tgt Ion: 114 Resp: 303501
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.6
 88 15.0 0.0 31.4

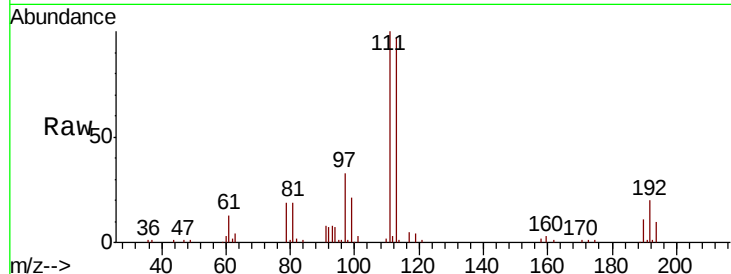




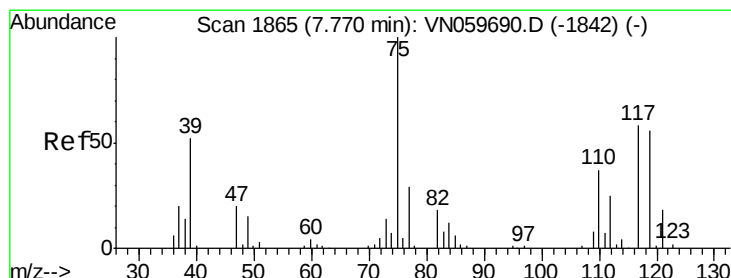
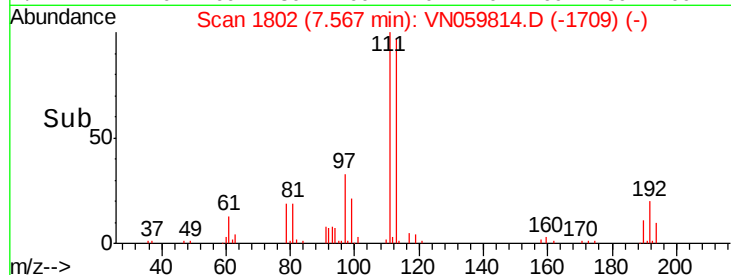
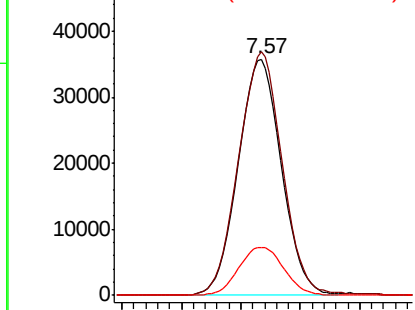
#35
 Dibromofluoromethane
 Concen: 49.717 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 89984
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.5 125.3
 192 21.1 15.4 23.2

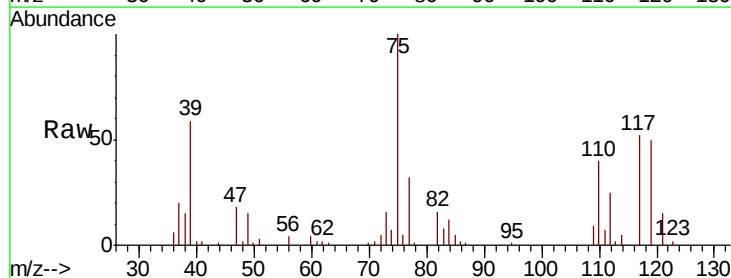


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

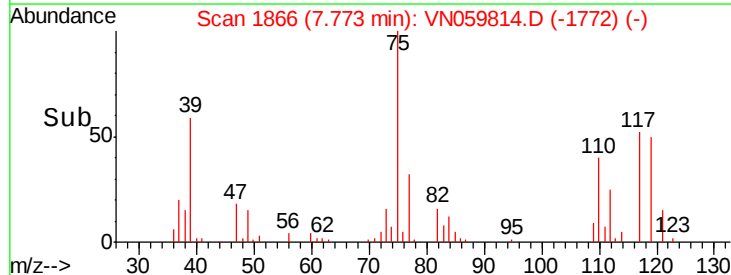
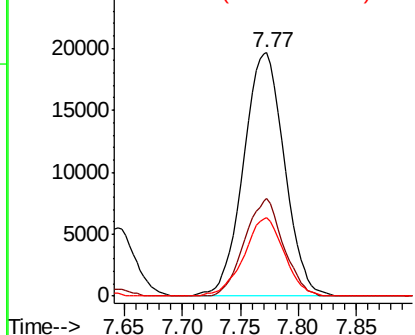


#36
 1,1-Dichloropropene
 Concen: 18.304 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Tgt Ion: 75 Resp: 48377
 Ion Ratio Lower Upper
 75 100
 110 37.7 16.6 49.7
 77 31.6 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

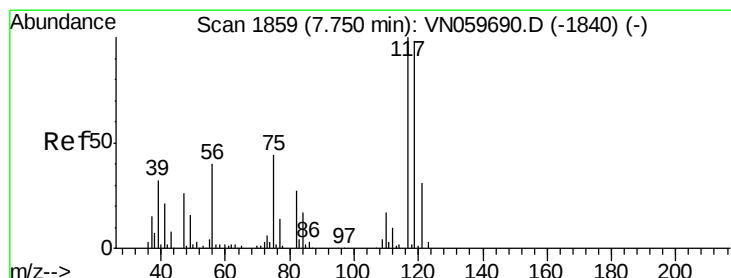
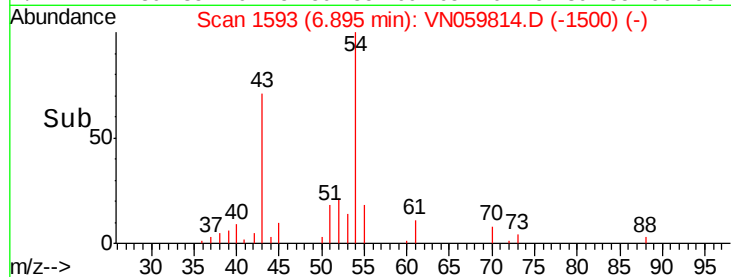
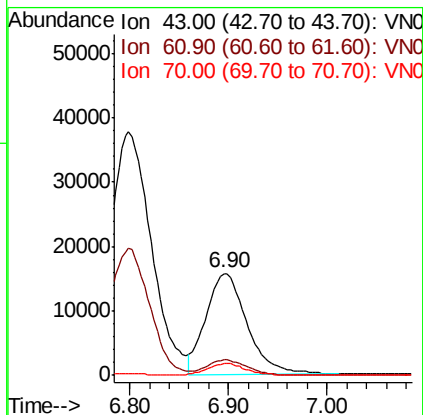
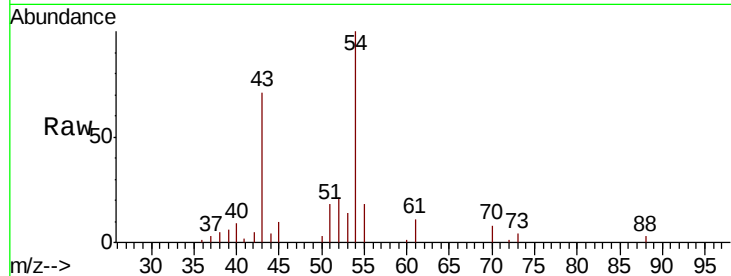




#37
Ethyl Acetate
Concen: 18.395 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

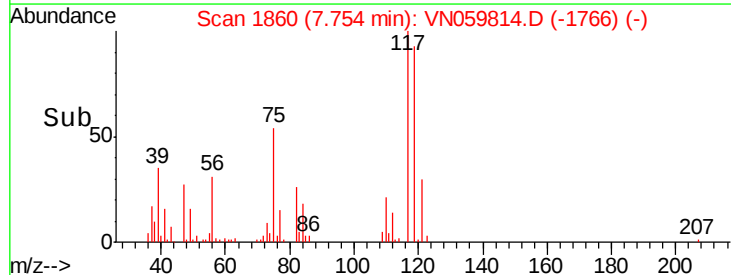
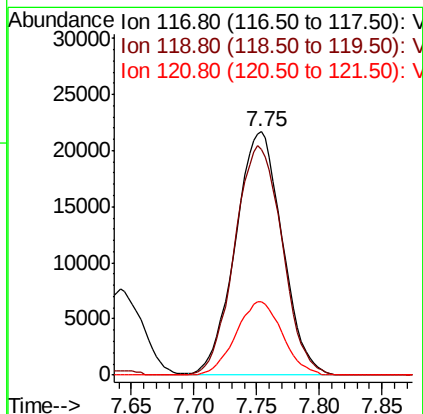
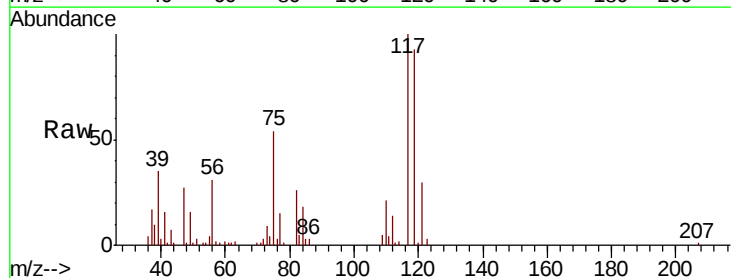
Instrument :
MSVOA_N
ClientSampled :

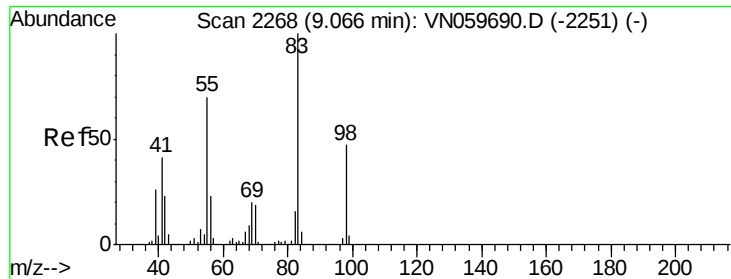
Tot Ion: 43 Resp: 45599
Ion Ratio Lower Upper
43 100
61 15.1 10.9 16.3
70 11.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.628 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 117 Resp: 56431
Ion Ratio Lower Upper
117 100
119 92.8 76.5 114.7
121 30.1 25.1 37.7

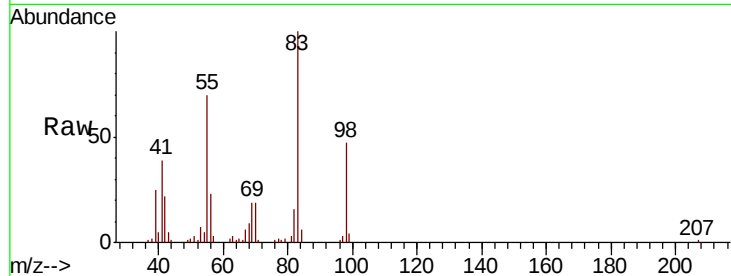




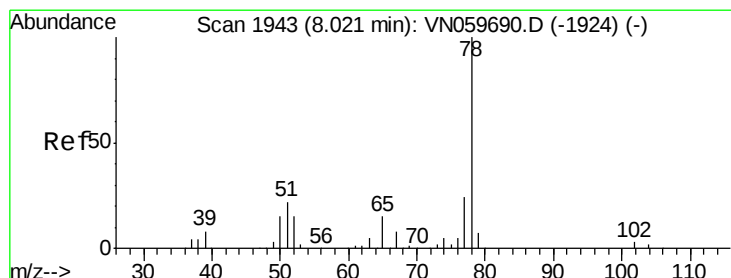
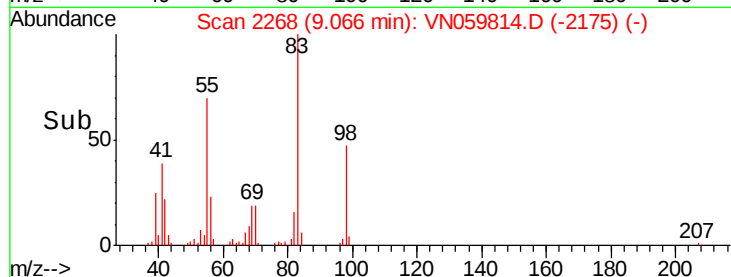
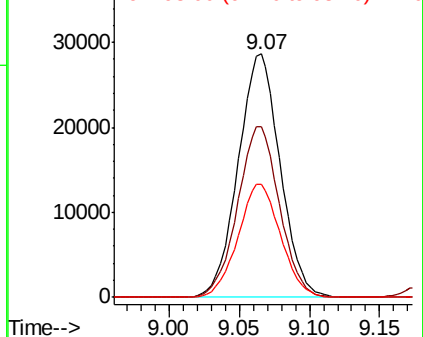
#39
Methvlcvclohexane
Concen: 18.288 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 59598
Ion Ratio Lower Upper
83 100
55 70.2 64.2 96.2
98 46.7 35.9 53.9

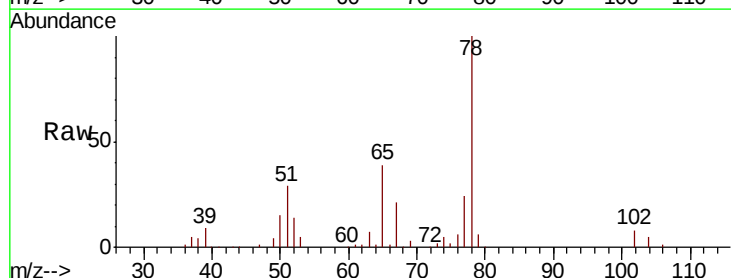


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

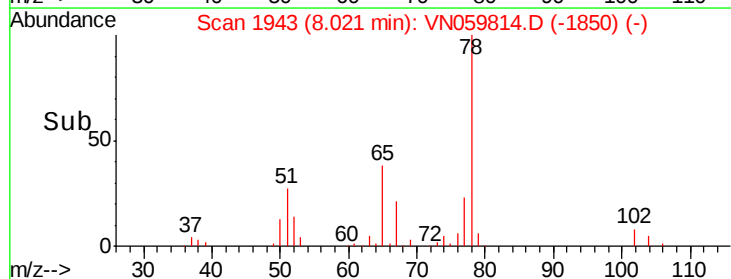
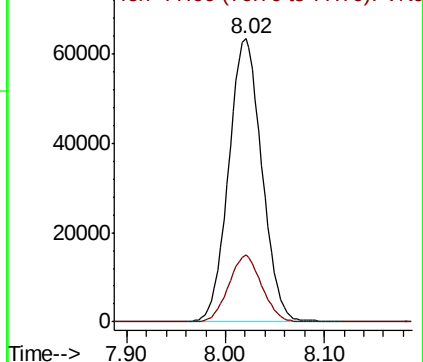


#40
Benzene
Concen: 18.866 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 78 Resp: 148707
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

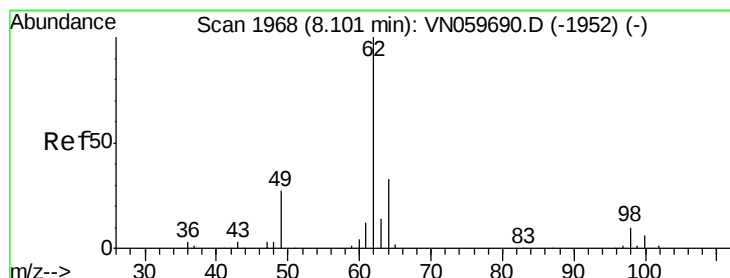
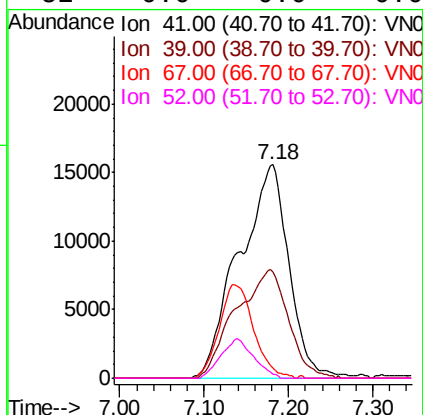
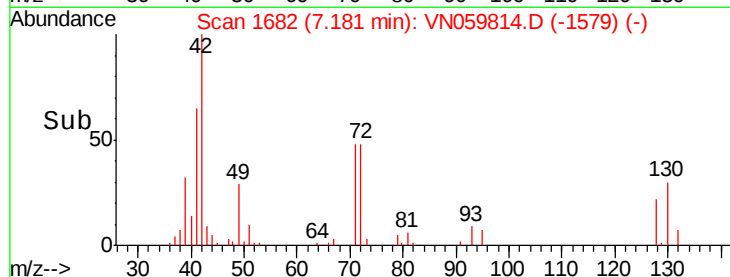
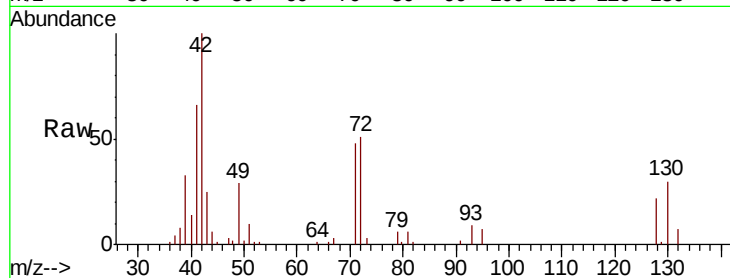




#41
Methacrylonitrile
Concen: 52.183 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

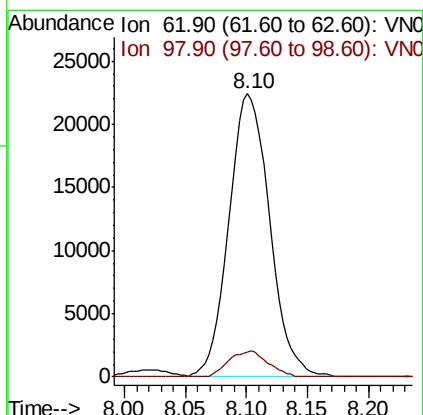
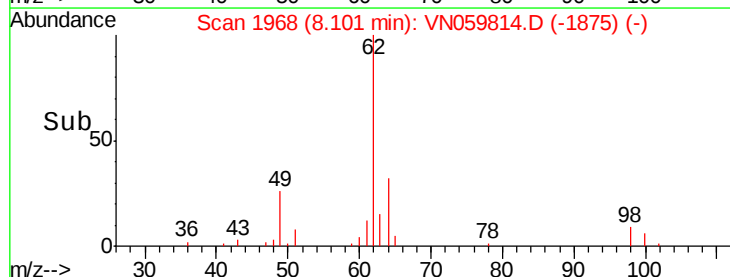
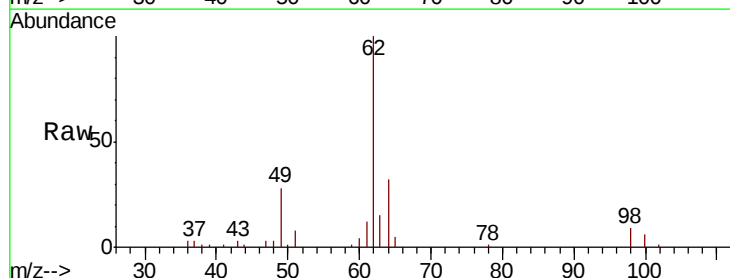
Instrument :
MSVOA_N
ClientSampled :

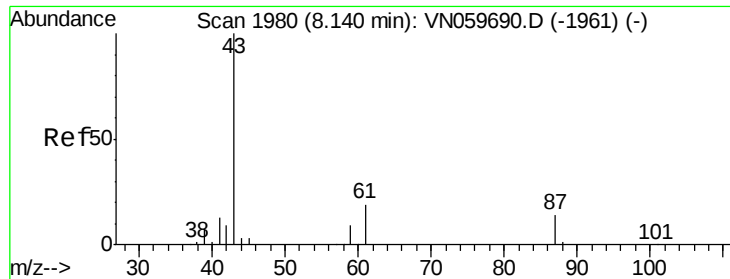
Tot Ion: 41 Resp: 63715
Ion Ratio Lower Upper
41 100
39 54.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.490 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 62 Resp: 52088
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 18.030 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

ClientSampled :

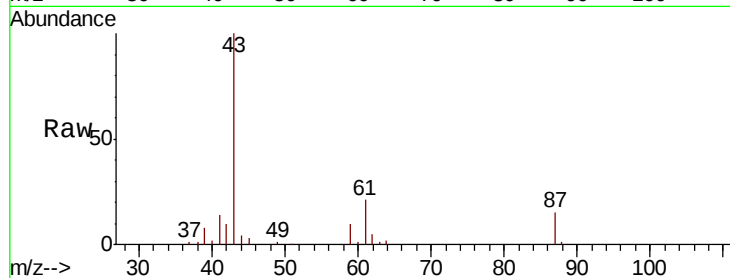
Tot Ion: 43 Resp: 76878

Ion Ratio Lower Upper

43 100

61 22.4 20.2 30.2

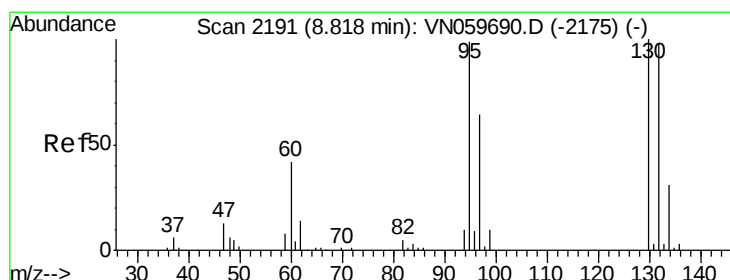
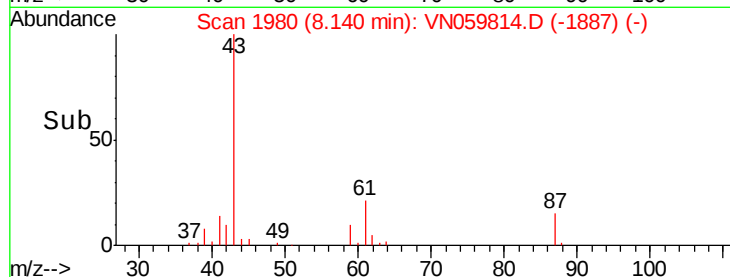
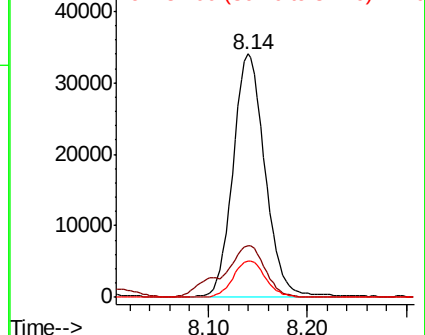
87 15.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059814.D (-2098) (-)

Ion 61.00 (60.70 to 61.70): VN059814.D (-2098) (-)

Ion 87.00 (86.70 to 87.70): VN059814.D (-2098) (-)



#44

Trichloroethene

Concen: 19.782 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059814.D

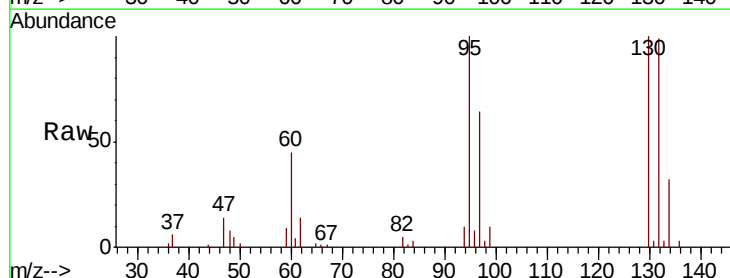
Acq: 21 Jan 2020 17:34

Tgt Ion:130 Resp: 42568

Ion Ratio Lower Upper

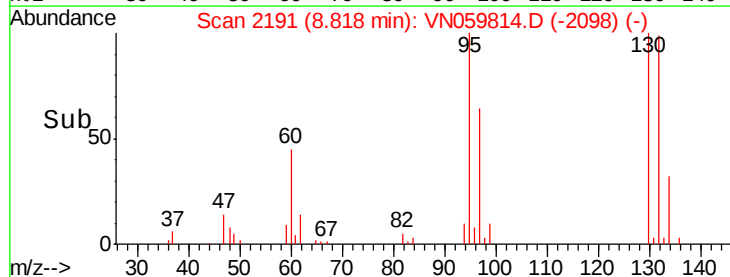
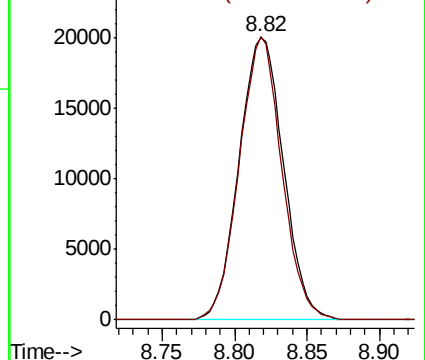
130 100

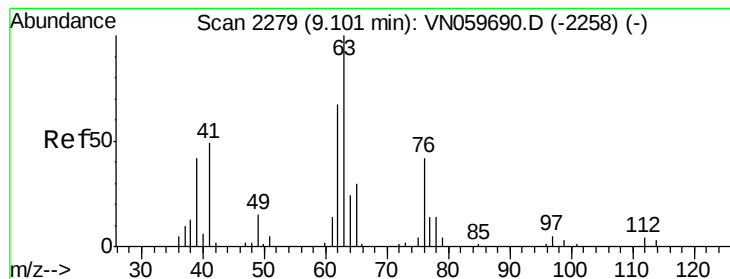
95 100.2 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059814.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059814.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 19.319 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

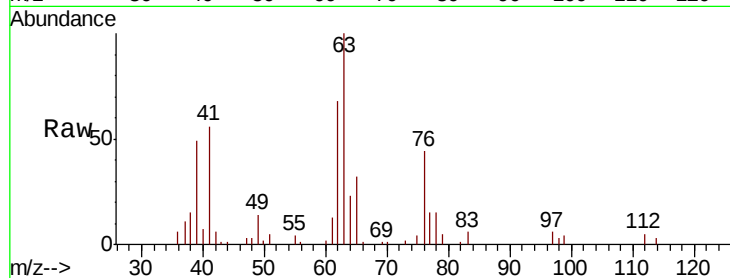
ClientSampleId :

Tot Ion: 63 Resp: 37682

Ion Ratio Lower Upper

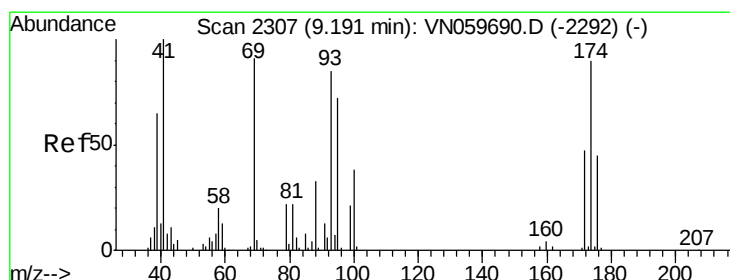
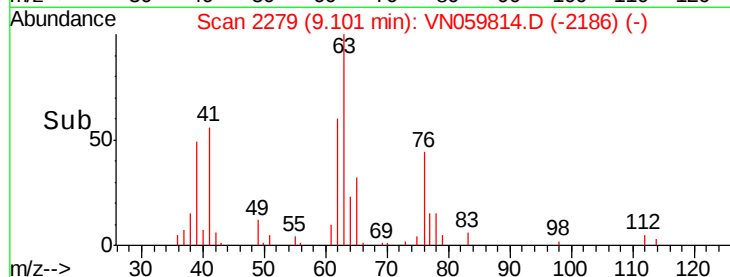
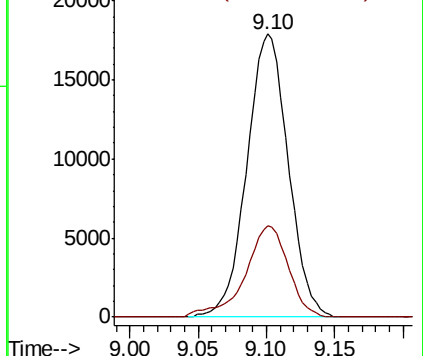
63 100

65 32.3 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.406 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

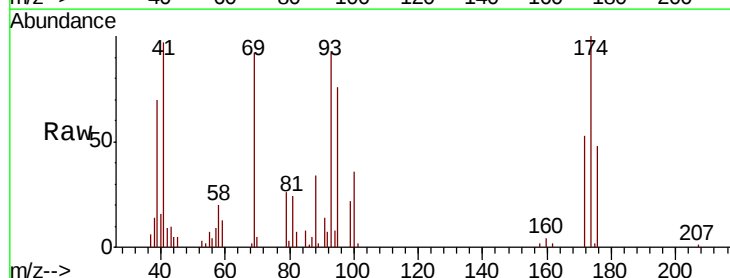
Tgt Ion: 93 Resp: 26700

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

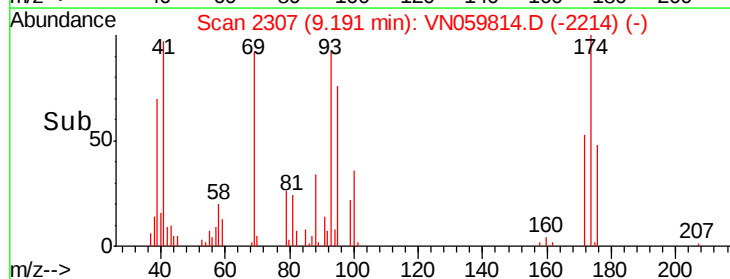
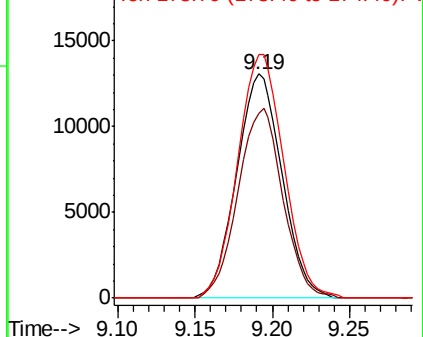
174 110.7 73.4 110.2#



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

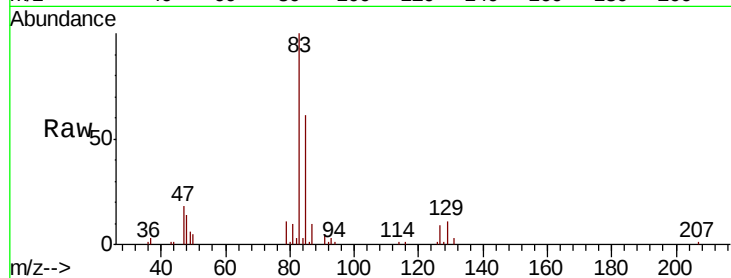




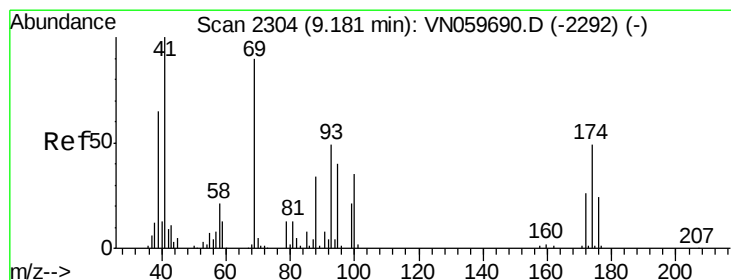
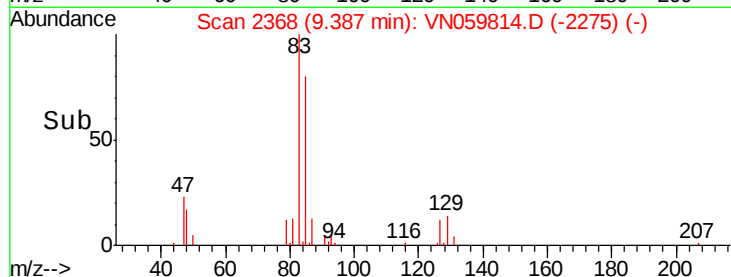
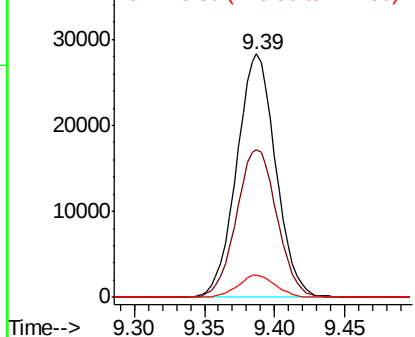
#47
Bromodichloromethane
Concen: 19.763 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 54795
Ion Ratio Lower Upper
83 100
85 60.8 51.1 76.7
127 9.3 6.6 9.8

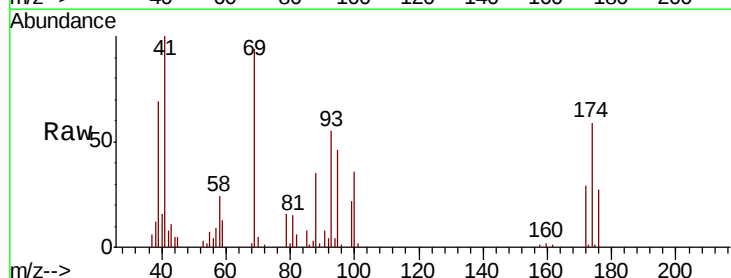


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

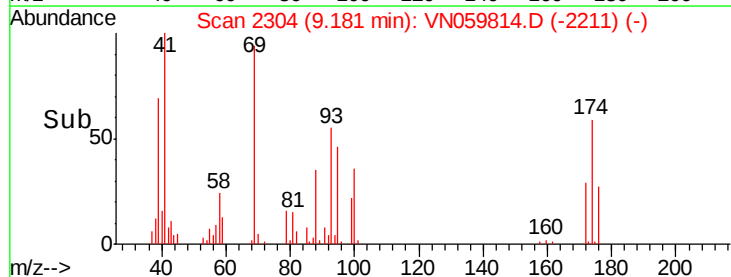
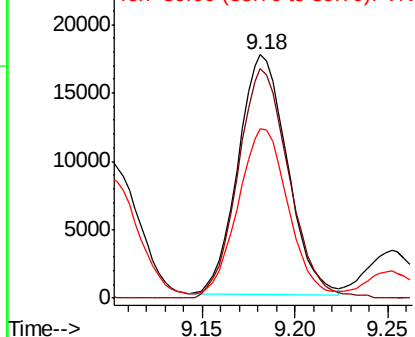


#48
Methyl methacrylate
Concen: 16.975 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 41 Resp: 32375
Ion Ratio Lower Upper
41 100
69 98.8 64.4 96.6#
39 72.4 51.3 76.9



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





#49

1,4-Dioxane

Concen: 375.038 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampled :

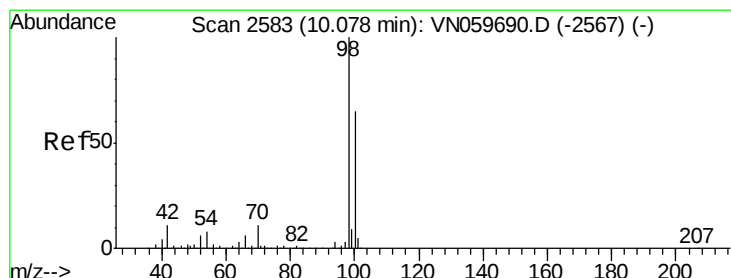
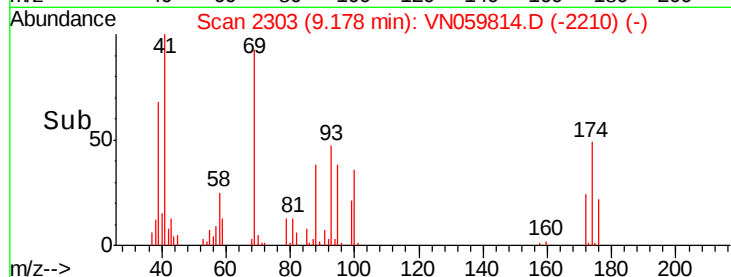
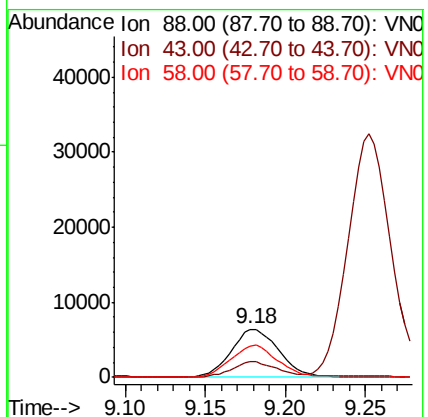
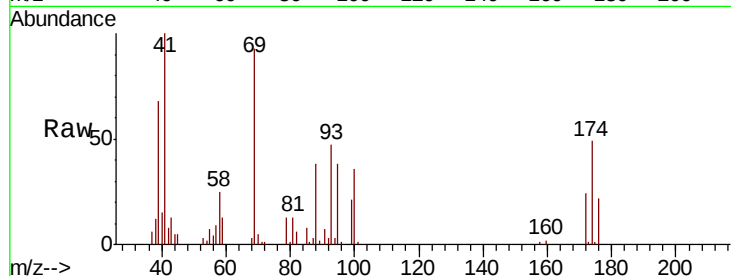
Tot Ion: 88 Resp: 13094

Ion Ratio Lower Upper

88 100

43 30.5 29.7 44.5

58 65.9 56.6 85.0



#50

Toluene-d8

Concen: 48.821 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059814.D

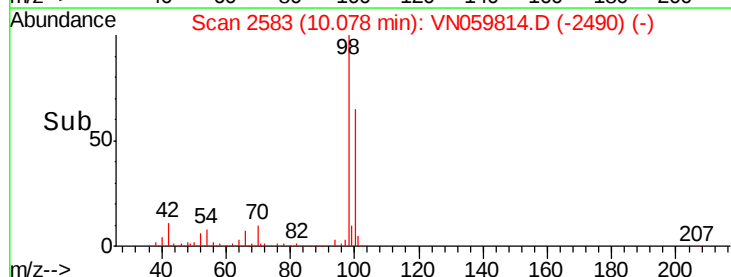
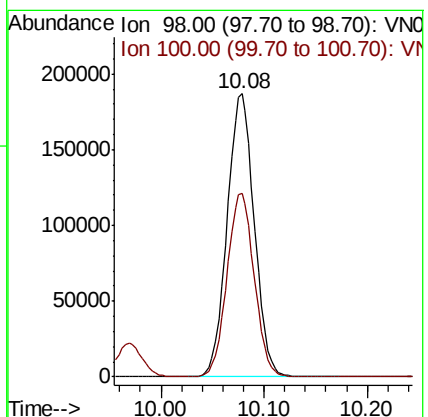
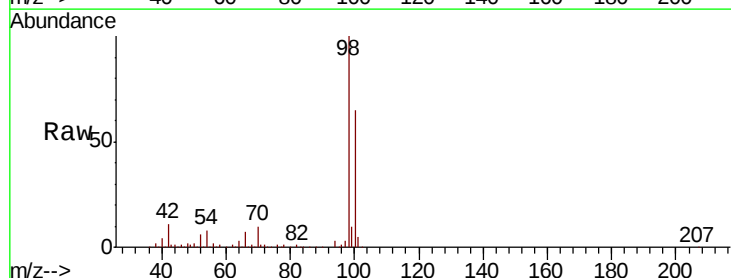
Acq: 21 Jan 2020 17:34

Tgt Ion: 98 Resp: 342356

Ion Ratio Lower Upper

98 100

100 65.2 51.2 76.8

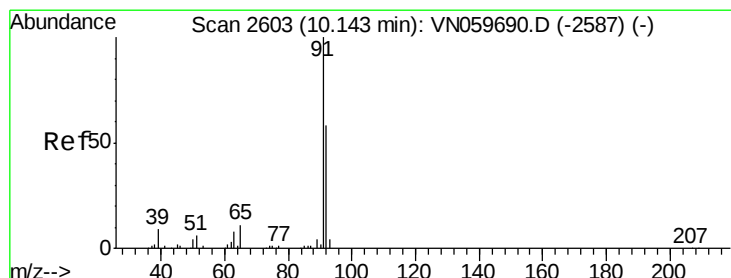
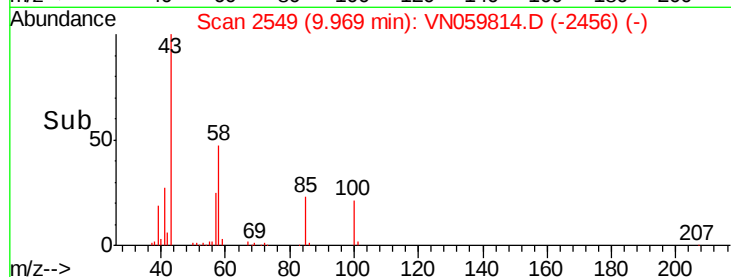
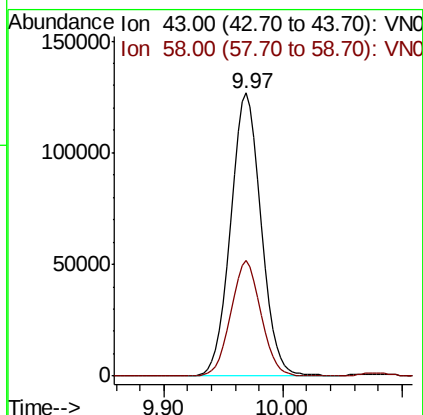
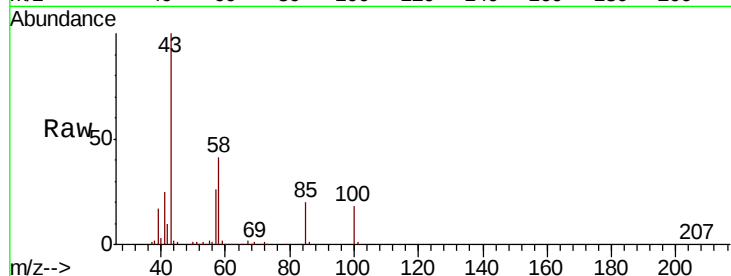




#51
 4-Methyl-2-Pentanone
 Concen: 91.462 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

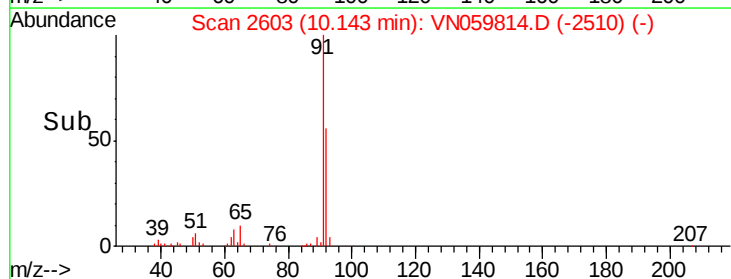
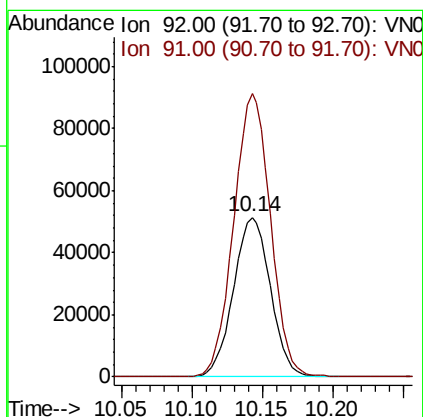
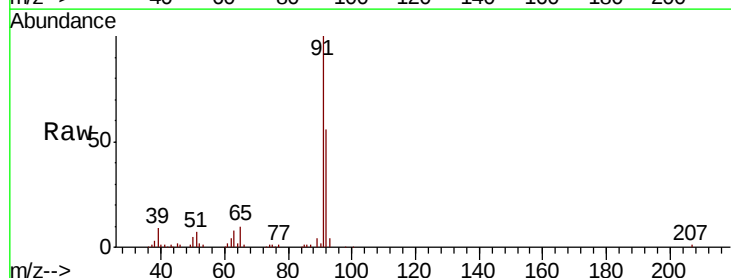
Instrument :
 MSVOA_N
 ClientSampleID :

Tot Ion: 43 Resp: 225433
 Ion Ratio Lower Upper
 43 100
 58 40.2 29.8 44.8



#52
 Toluene
 Concen: 18.973 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Tgt Ion: 92 Resp: 94465
 Ion Ratio Lower Upper
 92 100
 91 176.5 140.4 210.6

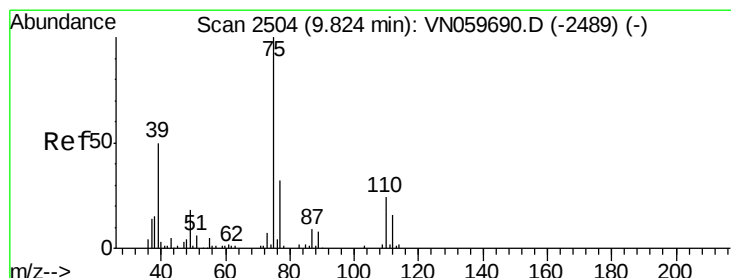
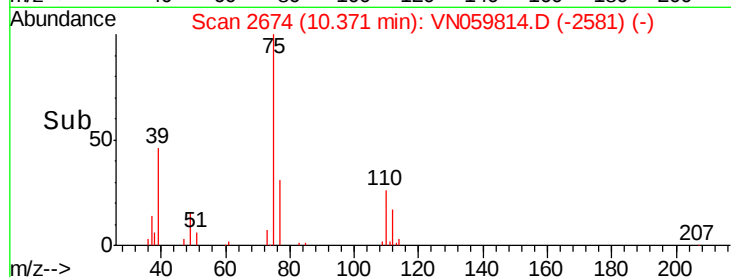
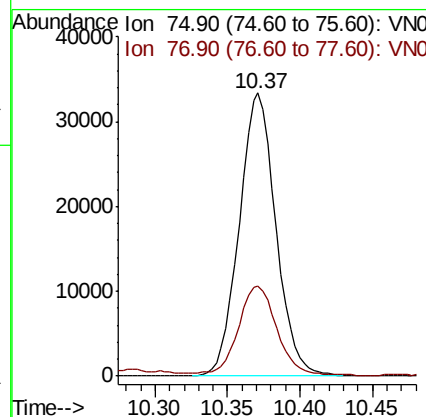
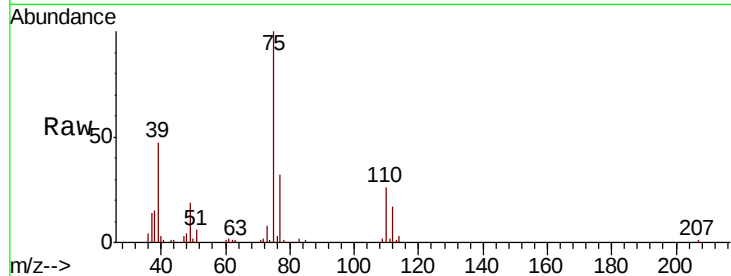




#53
t-1,3-Dichloropropene
Concen: 18.888 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

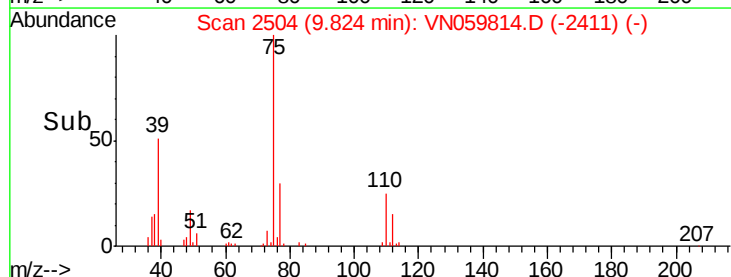
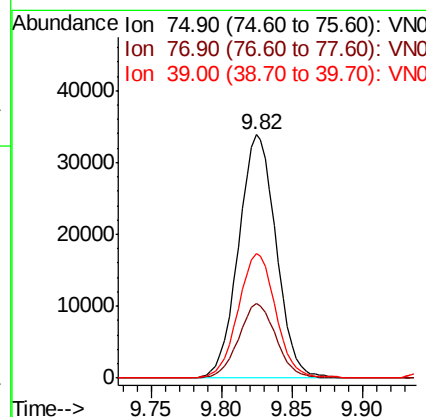
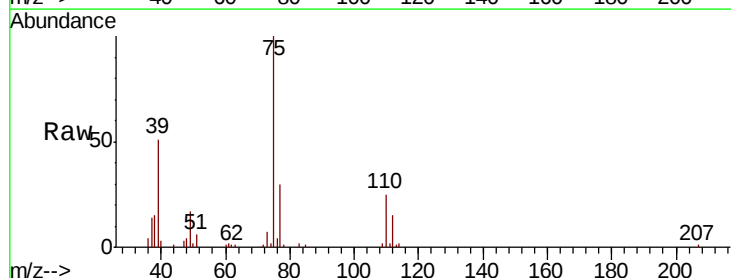
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 58474
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.377 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 75 Resp: 63120
Ion Ratio Lower Upper
75 100
77 30.5 25.1 37.7
39 50.9 46.1 69.1

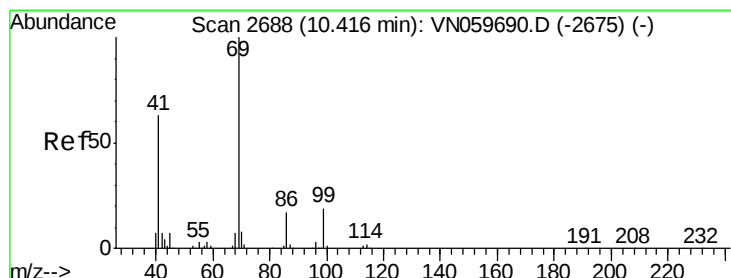
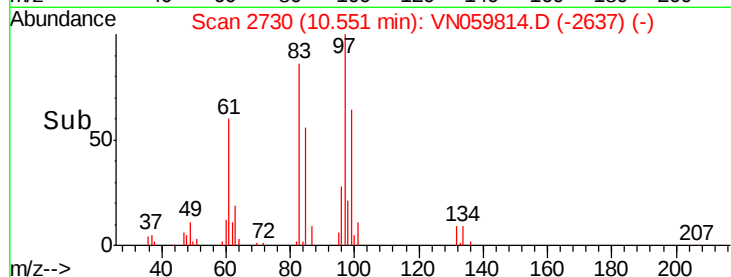
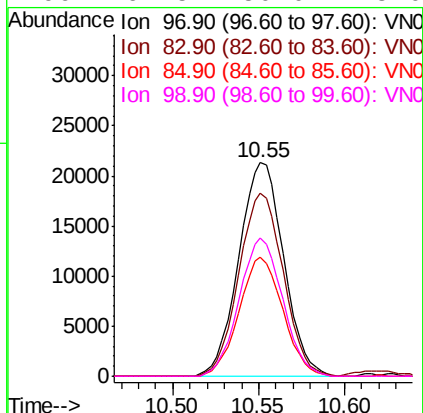
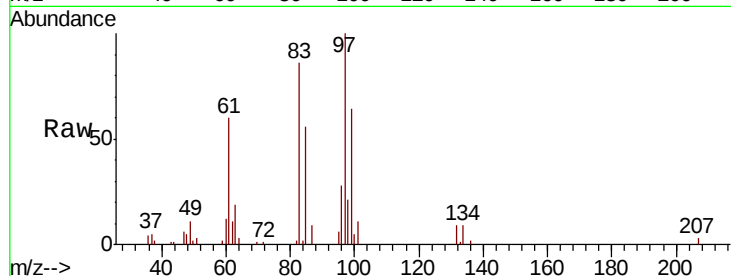




#55
 1,1,2-Trichloroethane
 Concen: 19.586 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

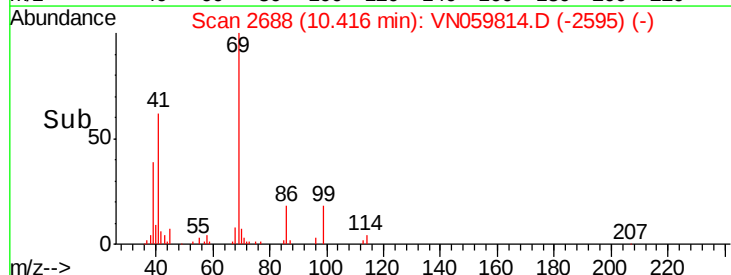
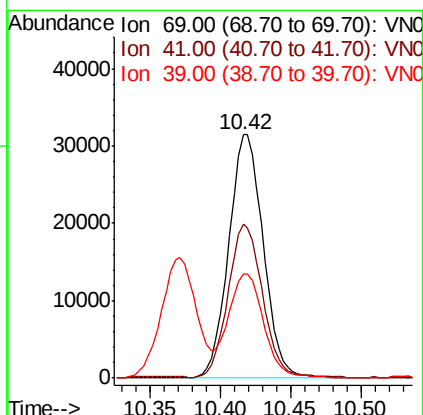
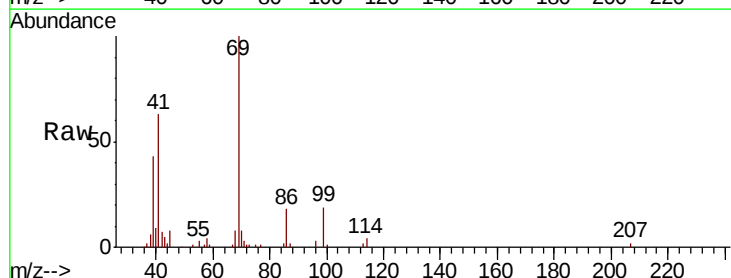
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Resp	Lower	Upper
97	38623		
Ion Ratio			
97	100		
83	85.7	71.3	106.9
85	55.5	45.8	68.8
99	64.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 17.908 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Tgt Ion	Resp	Lower	Upper
69	53960		
Ion Ratio			
69	100		
41	63.6	57.1	85.7
39	44.6	34.7	52.1





#57

1,3-Dichloropropane

Concen: 19.733 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

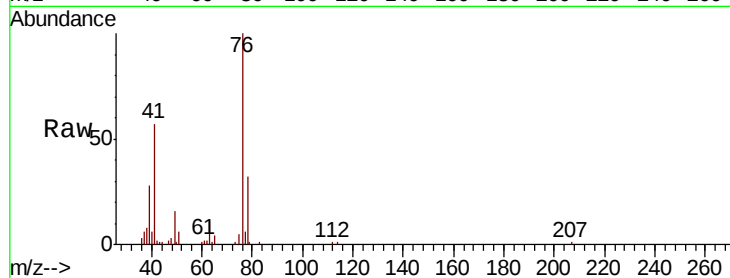
ClientSampleId :

Tot Ion: 76 Resp: 61776

Ion Ratio Lower Upper

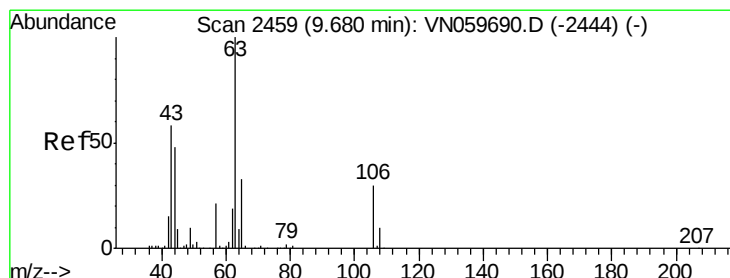
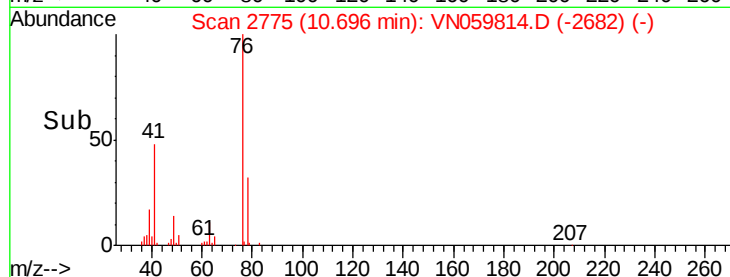
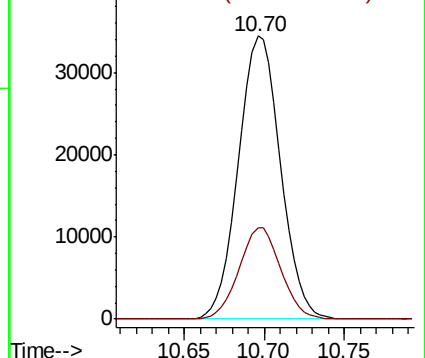
76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 88.043 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059814.D

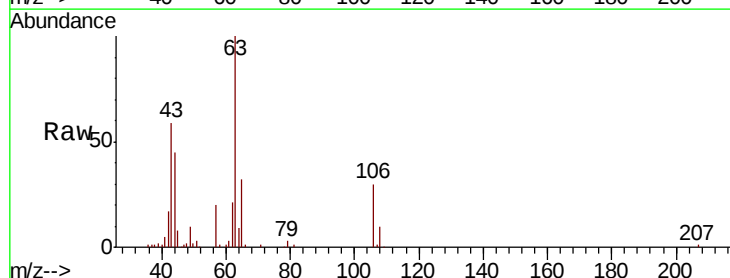
Acq: 21 Jan 2020 17:34

Tgt Ion: 63 Resp: 79904

Ion Ratio Lower Upper

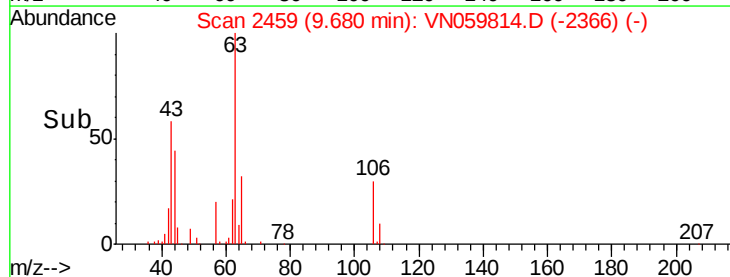
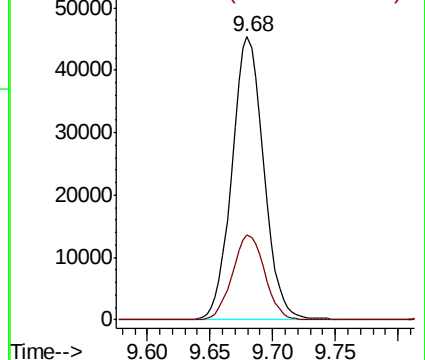
63 100

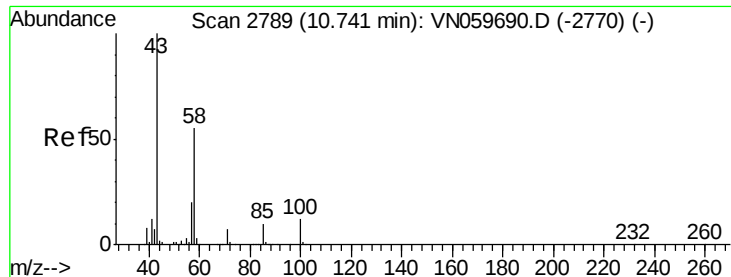
106 30.4 20.2 30.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

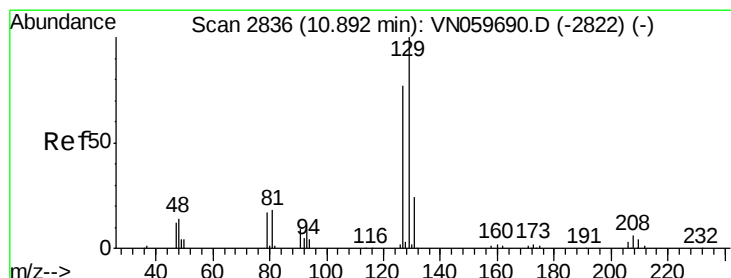
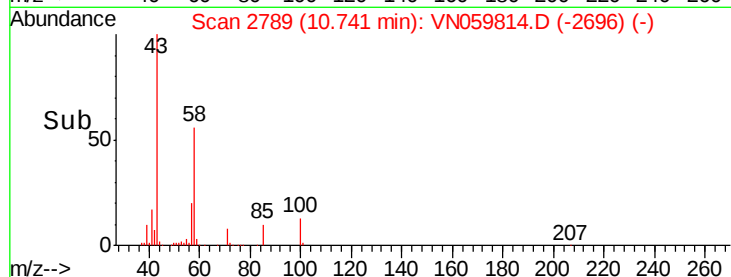
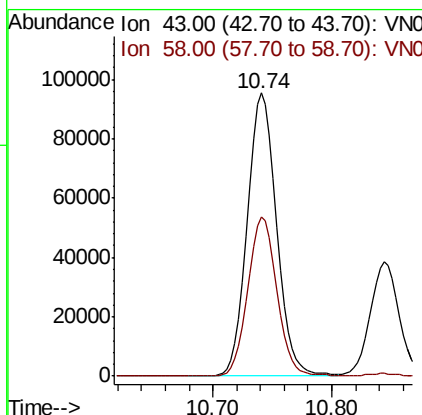
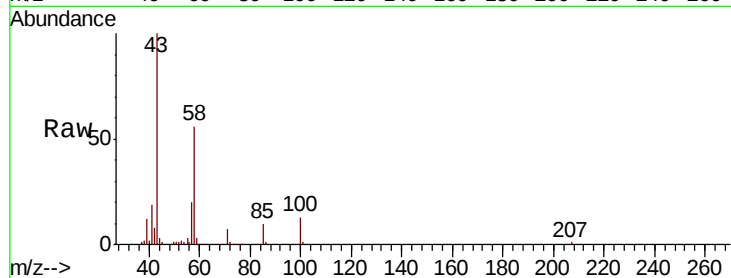




#59
2-Hexanone
Concen: 90.002 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

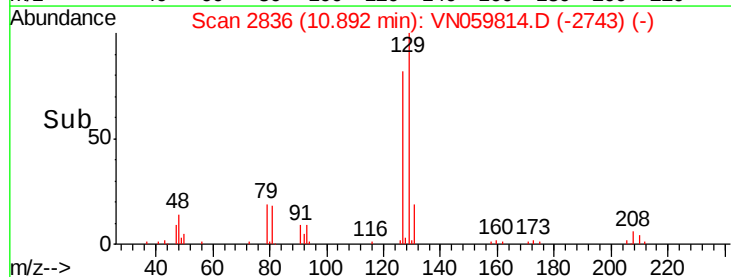
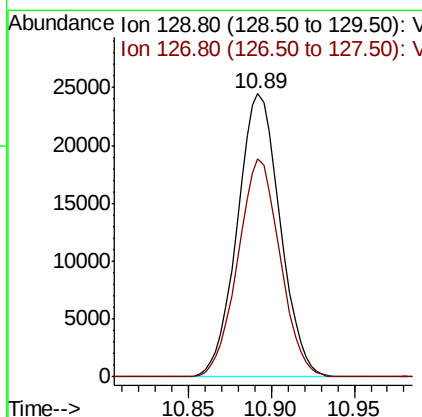
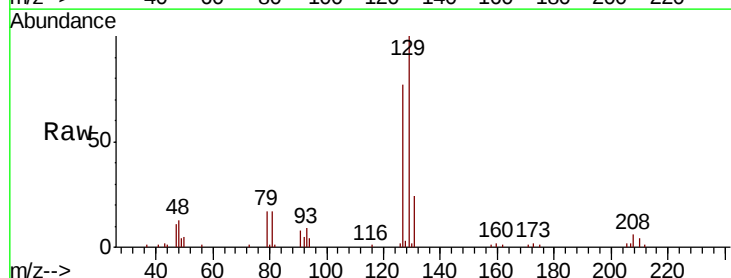
Instrument :
MSVOA_N
ClientSampleId :

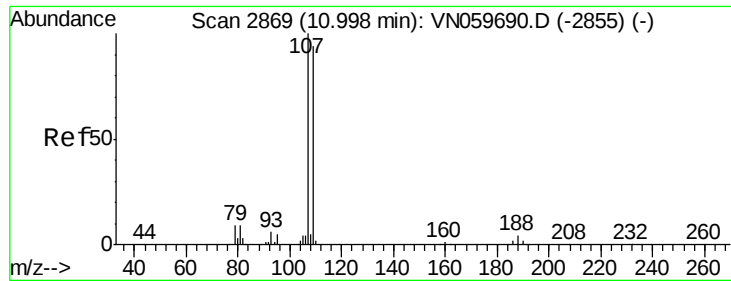
Tot Ion: 43 Resp: 163427
Ion Ratio Lower Upper
43 100
58 55.6 25.8 77.3



#60
Dibromochloromethane
Concen: 19.539 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 129 Resp: 43876
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.237 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

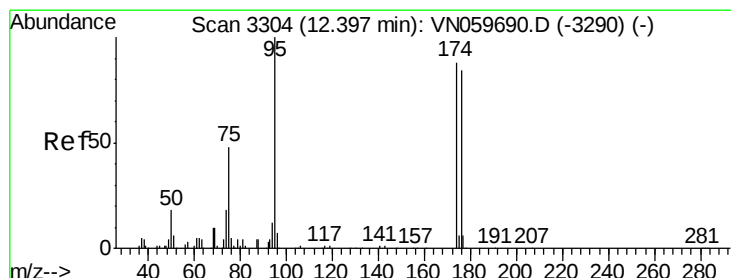
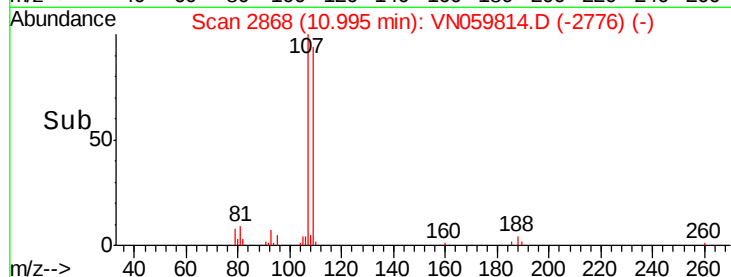
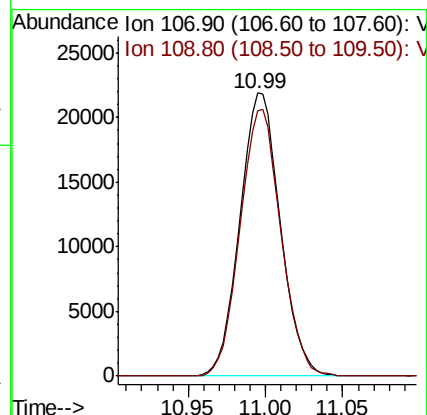
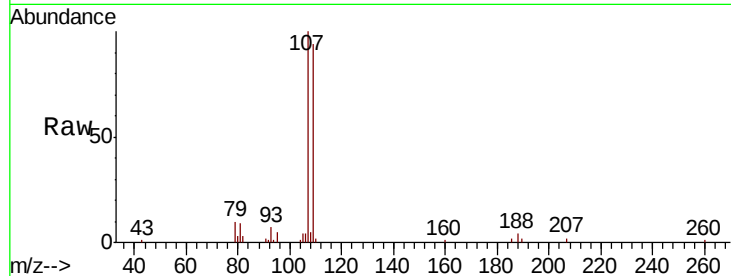
ClientSampleId :

Tot Ion:107 Resp: 39760

Ion Ratio Lower Upper

107 100

109 94.9 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 46.729 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

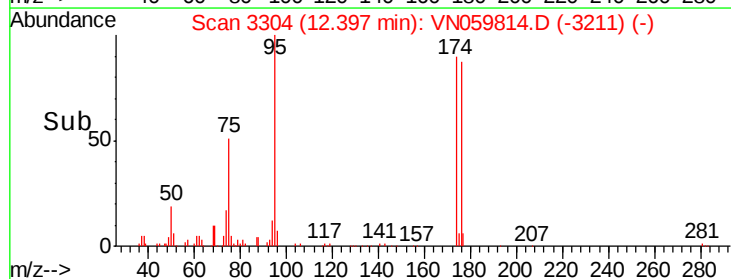
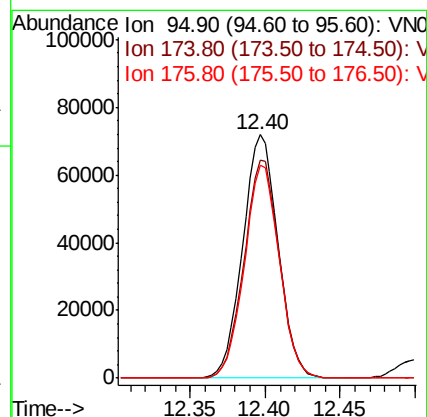
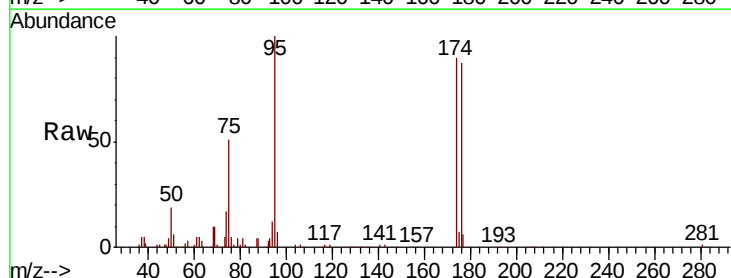
Tgt Ion: 95 Resp: 118131

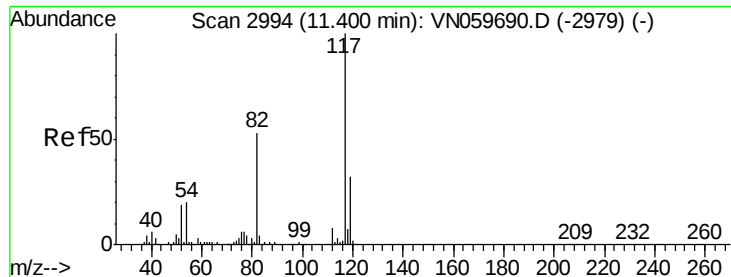
Ion Ratio Lower Upper

95 100

174 89.5 0.0 151.4

176 86.6 0.0 146.0

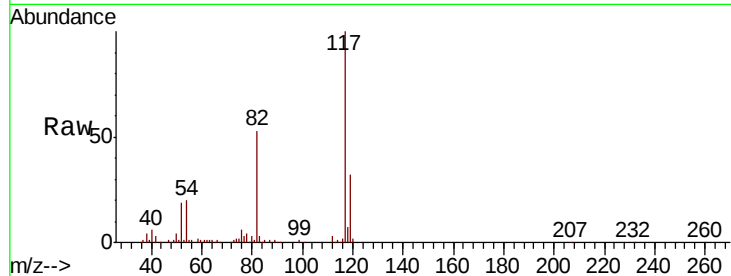




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.9	68.9
119	32.5	25.5	38.3

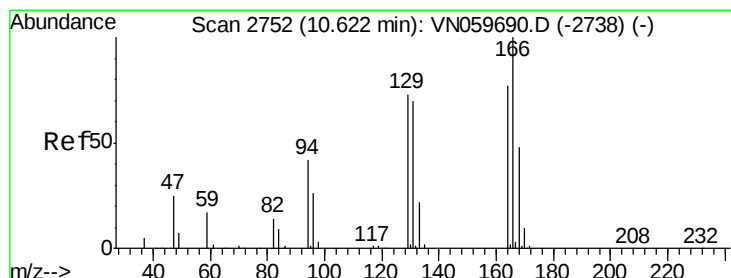
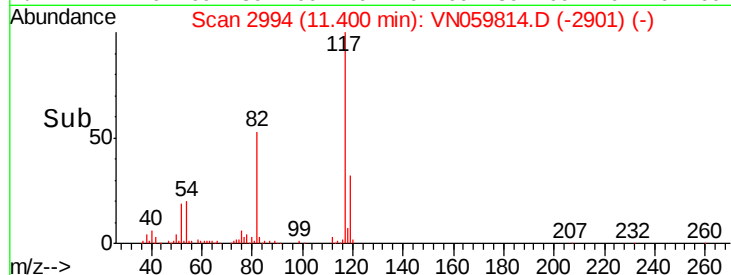
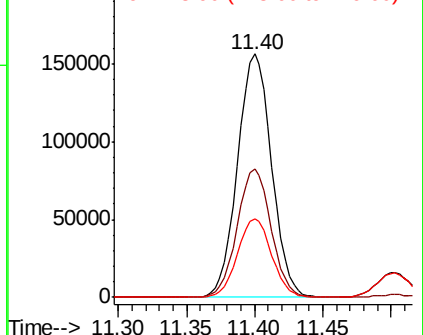


Abundance

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: 19.743 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	101.4	152.0
129	90.7	80.2	120.4
131	87.0	75.0	112.4

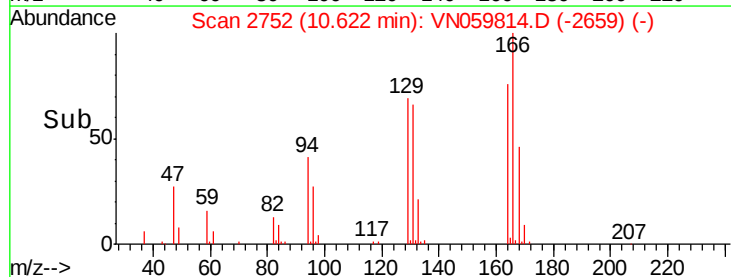
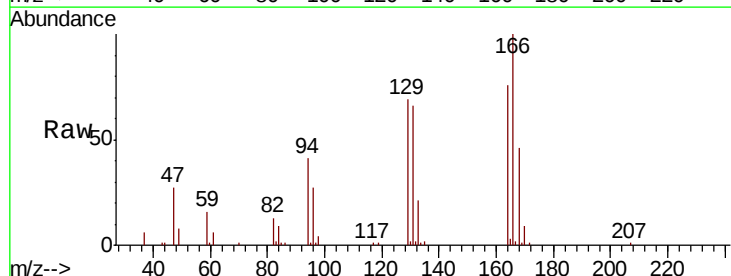
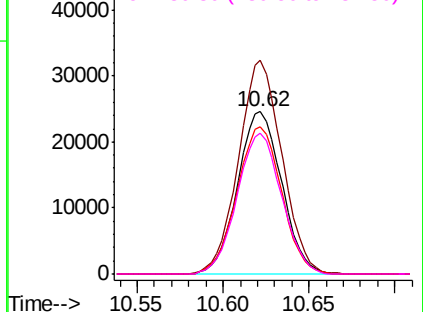
Abundance

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

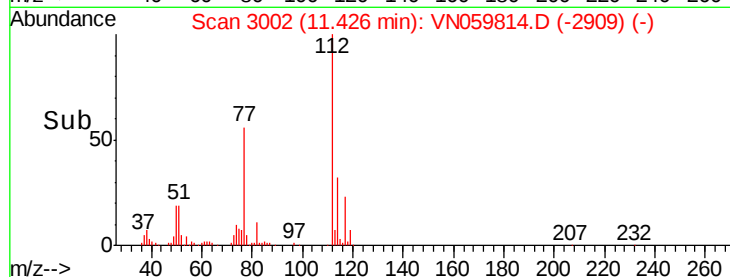
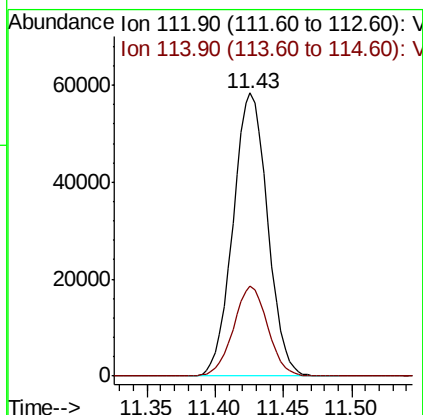
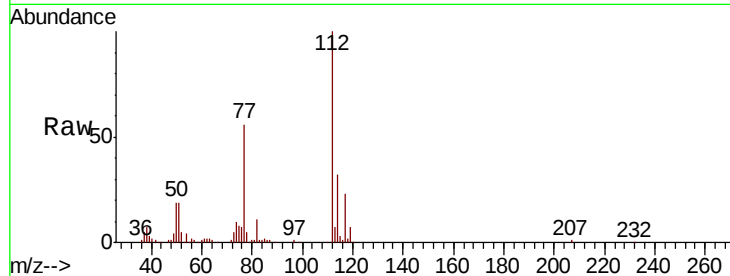




#65
Chlorobenzene
Concen: 19.257 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

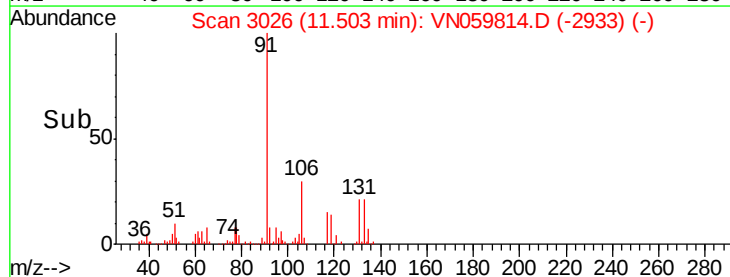
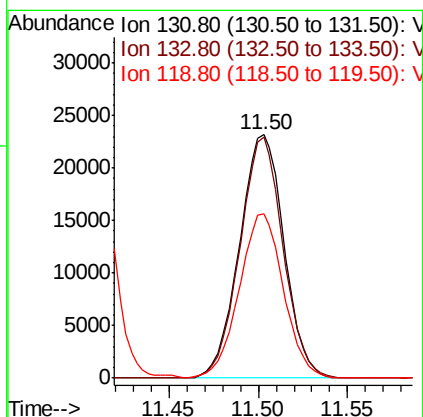
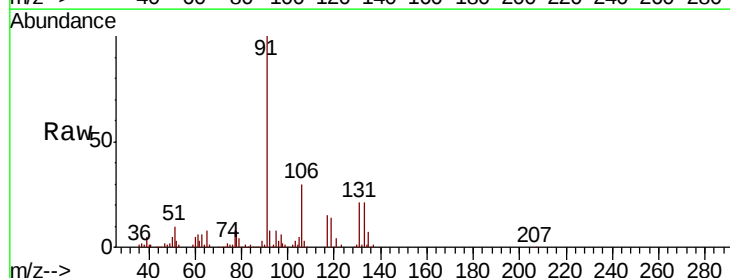
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 102638
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.568 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion:131 Resp: 40299
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 67.0 33.1 99.3





#67

Ethyl Benzene

Concen: 19.028 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

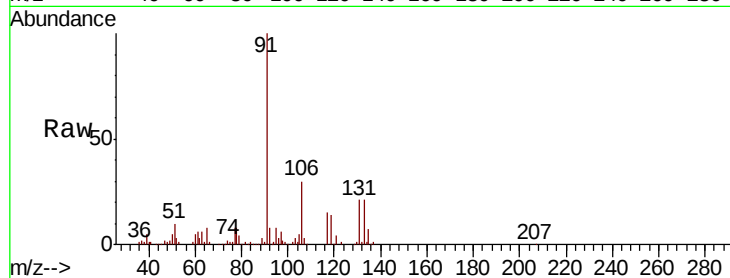
ClientSampled :

Tot Ion: 91 Resp: 184107

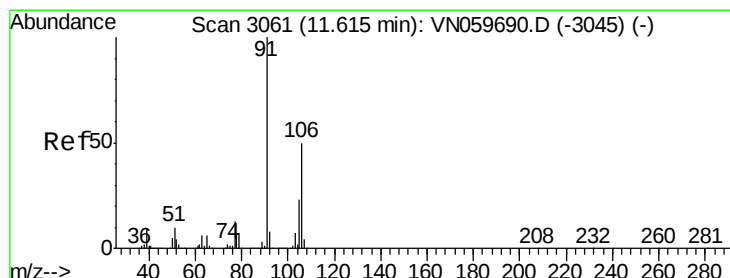
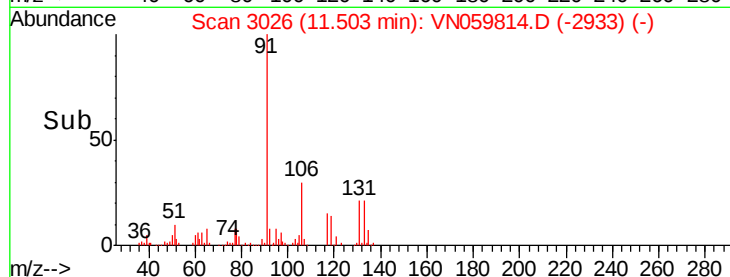
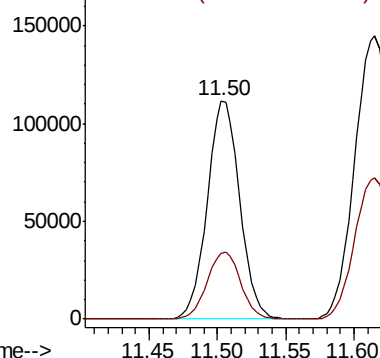
Ion Ratio Lower Upper

91 100

106 30.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3011) (-)



#68

m/p-Xylenes

Concen: 38.394 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059814.D

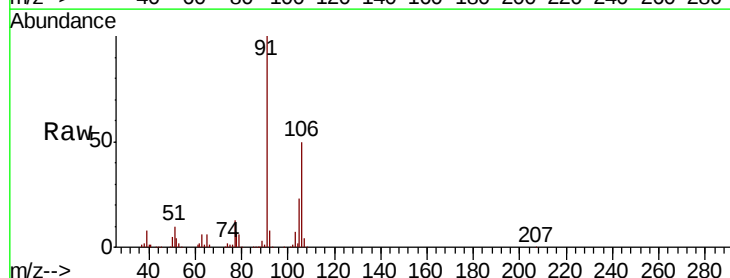
Acq: 21 Jan 2020 17:34

Tgt Ion: 106 Resp: 140325

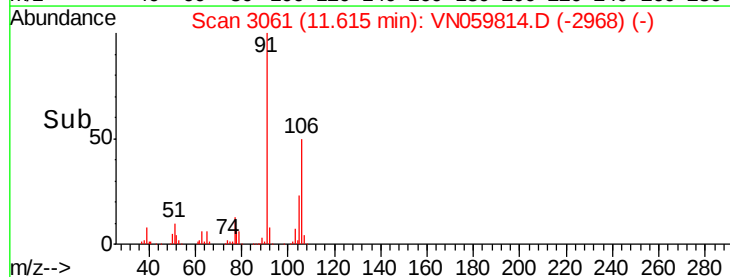
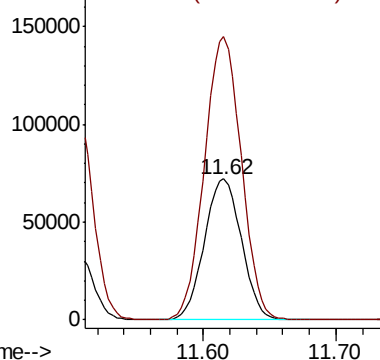
Ion Ratio Lower Upper

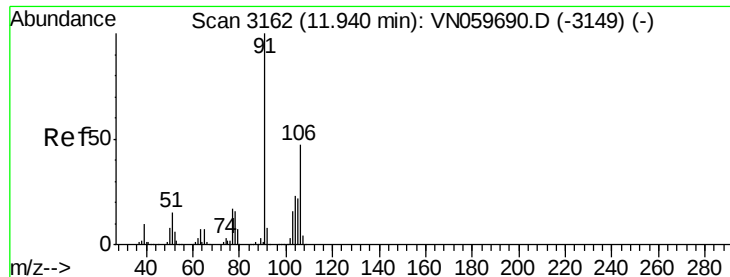
106 100

91 199.3 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059690.D (-3045) (-)

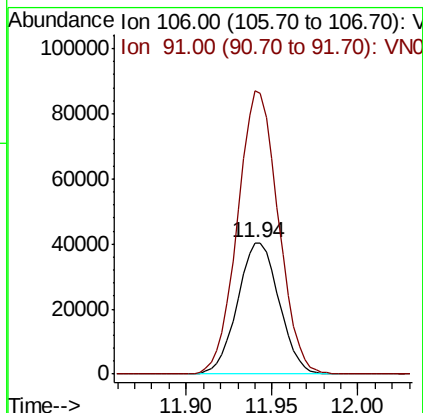
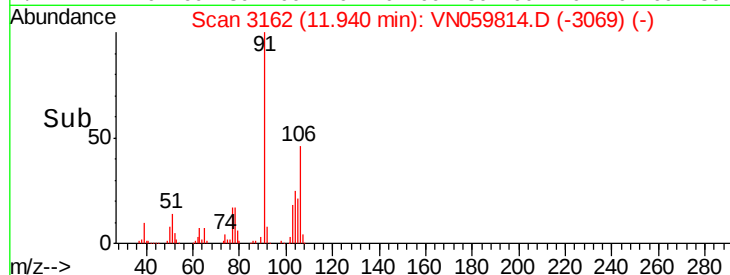
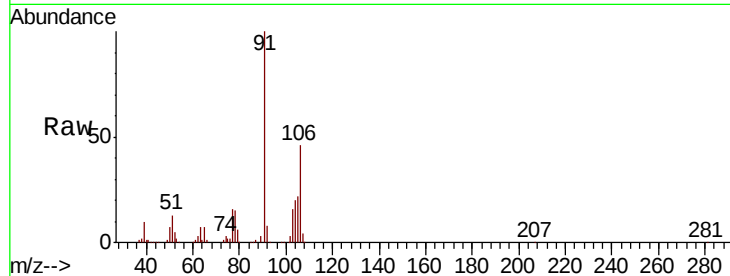




#69
o-Xylene
Concen: 18.934 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

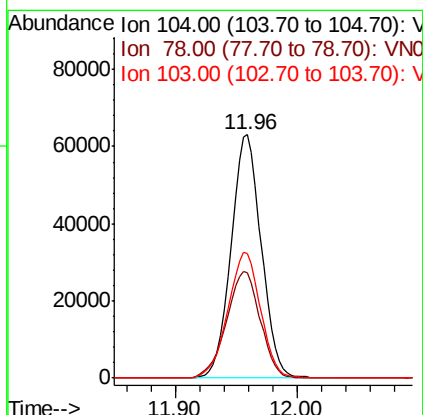
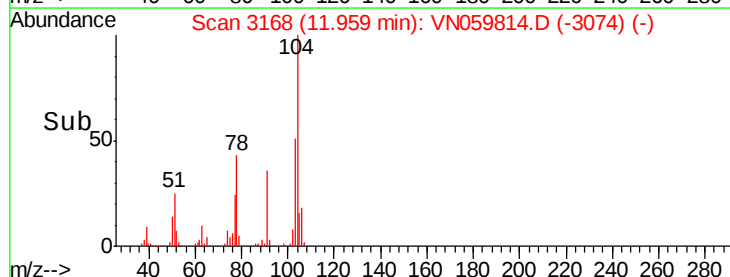
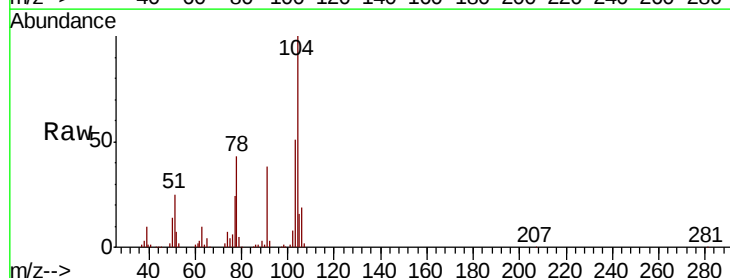
Instrument :
MSVOA_N
ClientSampled :

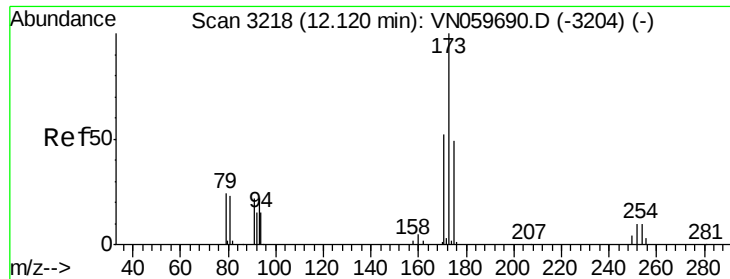
Tot Ion:106 Resp: 67748
Ion Ratio Lower Upper
106 100
91 211.4 110.3 330.9



#70
Styrene
Concen: 18.150 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion:104 Resp: 108670
Ion Ratio Lower Upper
104 100
78 48.9 42.4 63.6
103 55.9 43.9 65.9

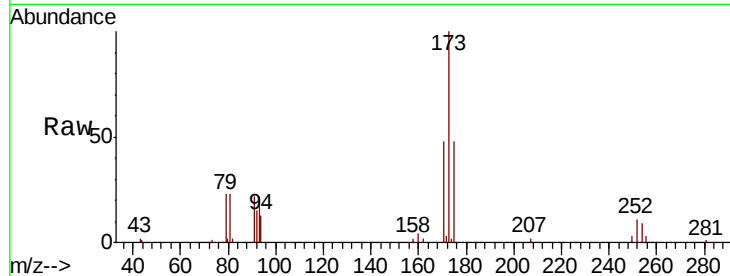




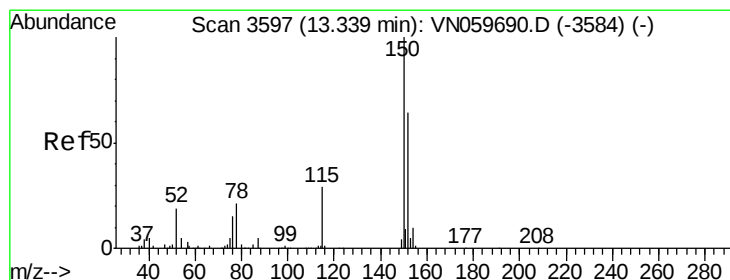
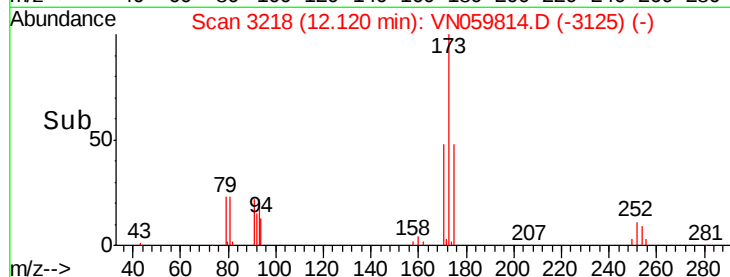
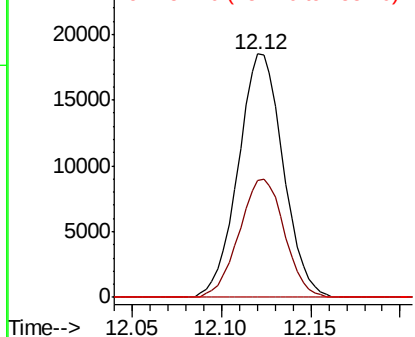
#71
Bromoform
Concen: 19.702 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 32501
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.4
254 0.0 0.0 0.0

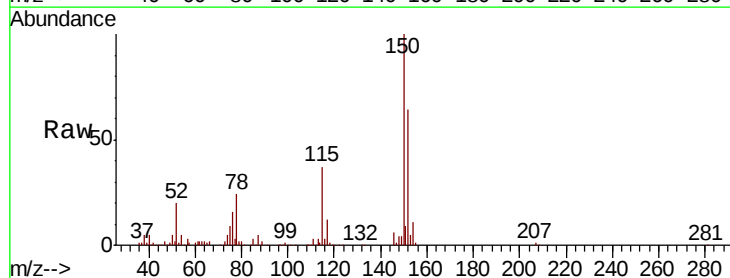


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

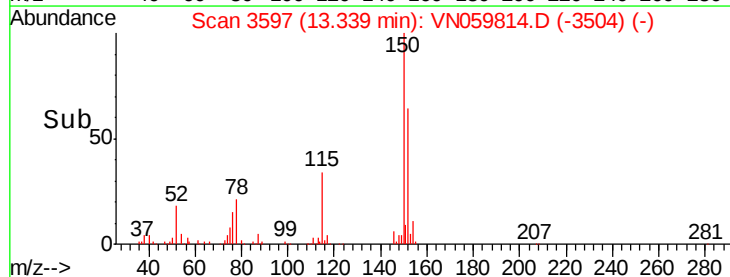
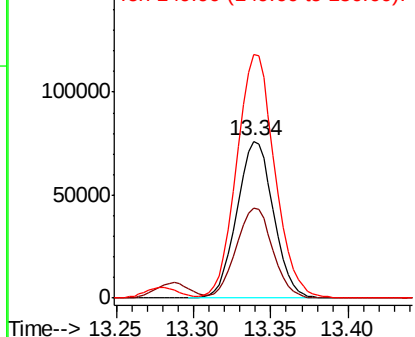


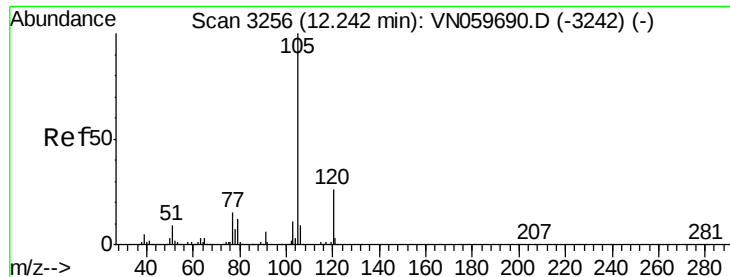
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion:152 Resp: 125013
Ion Ratio Lower Upper
152 100
115 57.4 30.3 90.9
150 162.1 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: 19.743 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

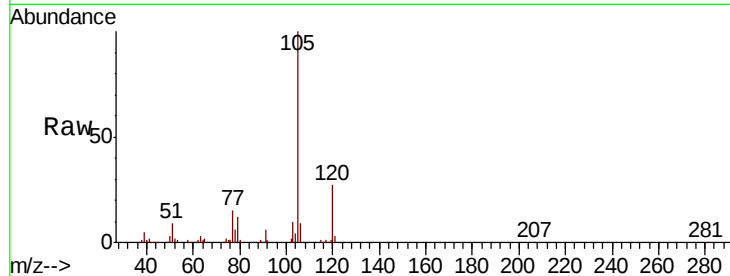
ClientSampleId :

Tot Ion:105 Resp: 181014

Ion Ratio Lower Upper

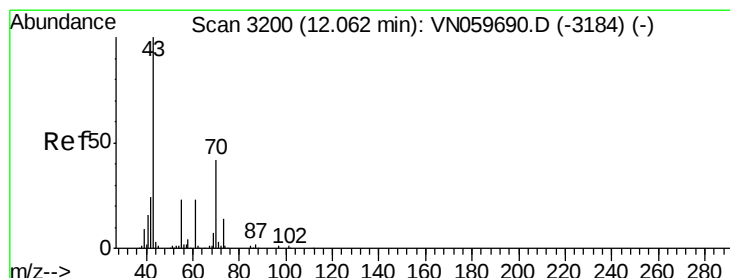
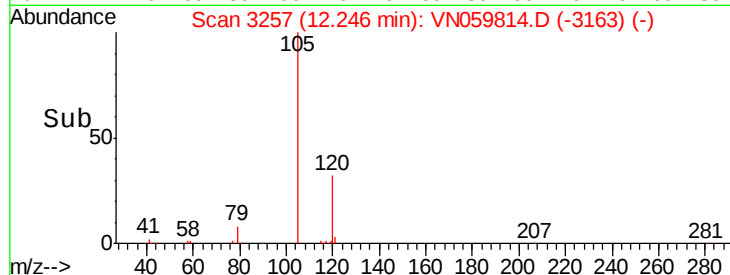
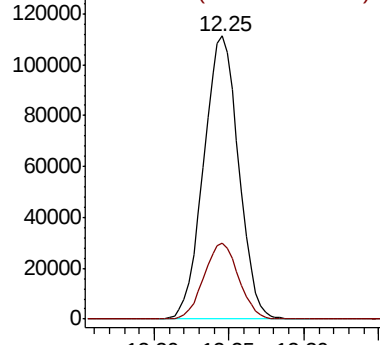
105 100

120 26.6 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: 17.751 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Tgt Ion: 43 Resp: 63150

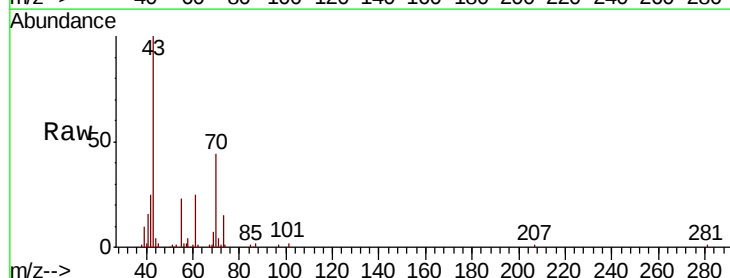
Ion Ratio Lower Upper

43 100

70 43.7 31.3 46.9

55 24.5 19.8 29.6

61 24.9 18.3 27.5

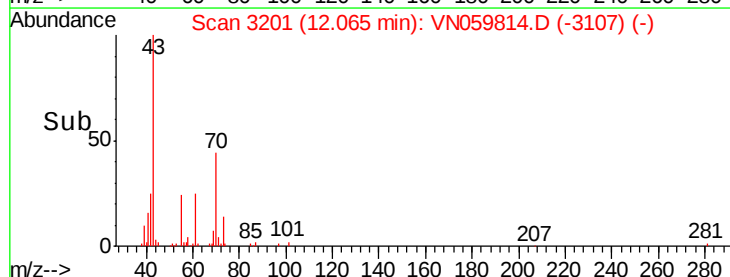
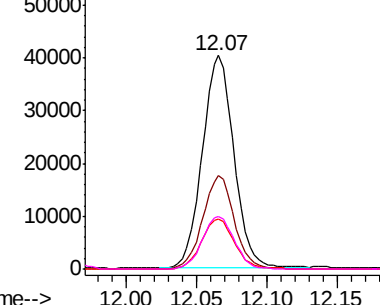


Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.513 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

ClientSampleId :

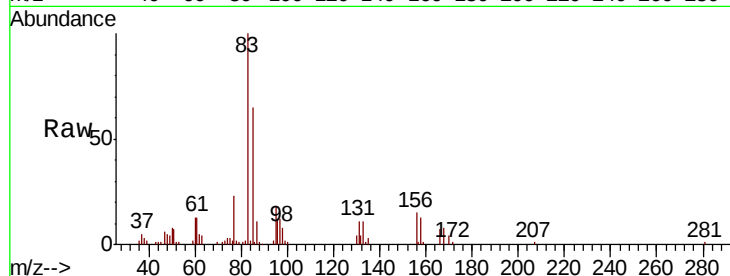
Tot Ion: 83 Resp: 51864

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 64.5 31.9 95.5



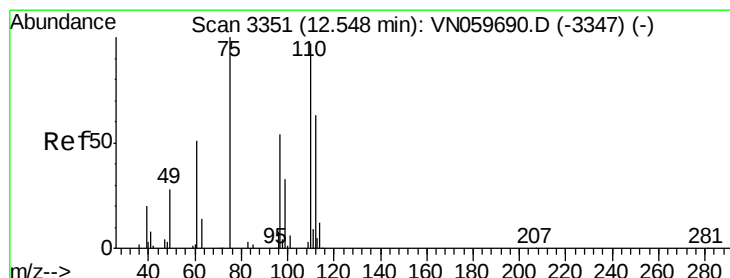
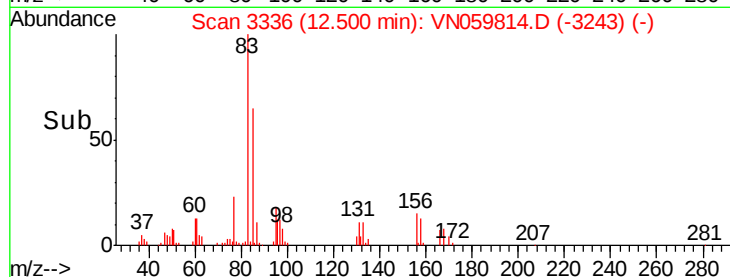
Abundance Ion 82.90 (82.60 to 83.60): VN059814.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059814.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059814.D (-3243) (-)

12.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 32.984 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059814.D

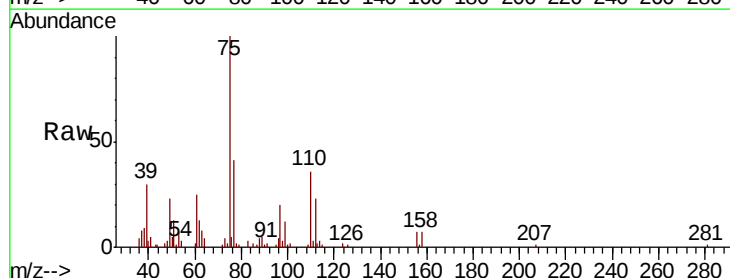
Acq: 21 Jan 2020 17:34

Tgt Ion: 75 Resp: 69394

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

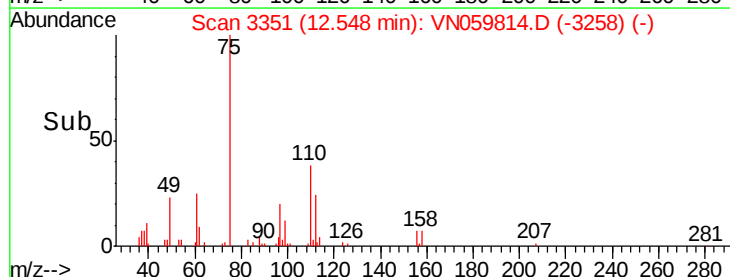


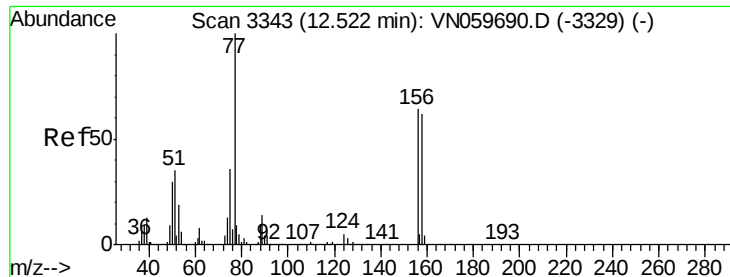
Abundance Ion 74.90 (74.60 to 75.60): VN059814.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059814.D (-3258) (-)

12.55

Time-->





#77

Bromobenzene

Concen: 20.345 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

ClientSampled :

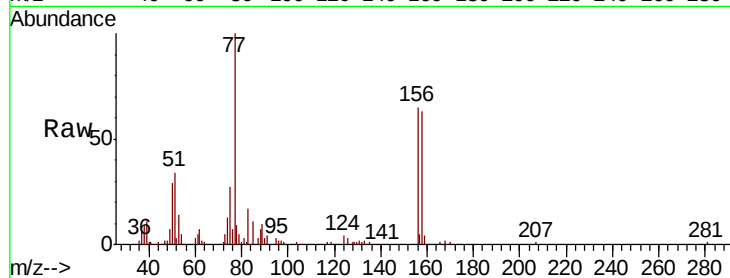
Tot Ion:156 Resp: 47236

Ion Ratio Lower Upper

156 100

77 185.2 115.8 347.4

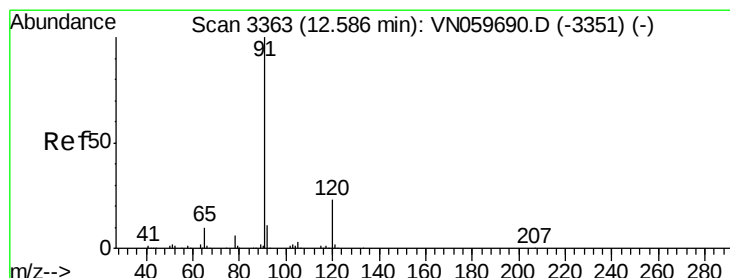
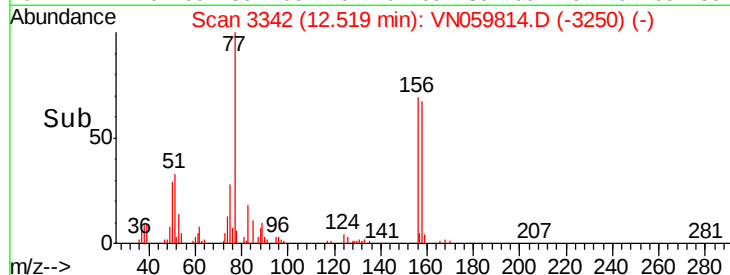
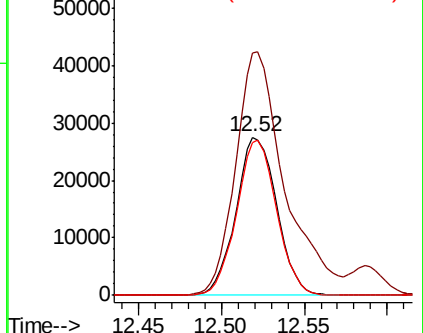
158 95.6 49.2 147.6



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: 19.318 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059814.D

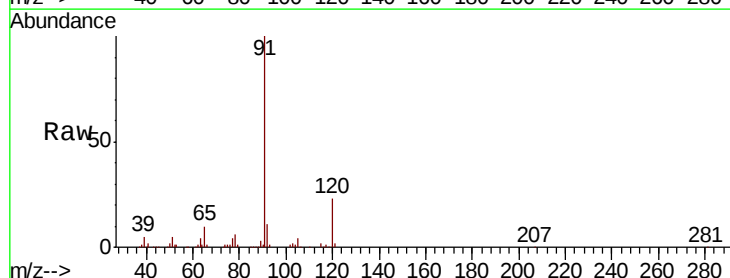
Acq: 21 Jan 2020 17:34

Tgt Ion: 91 Resp: 198795

Ion Ratio Lower Upper

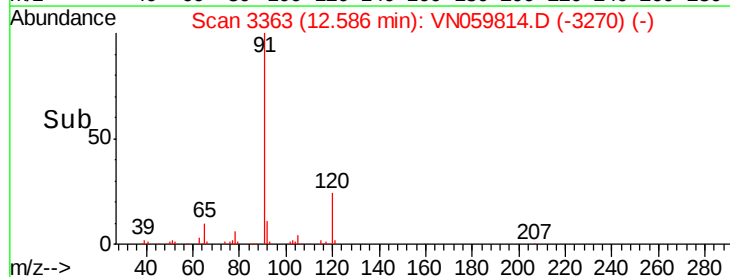
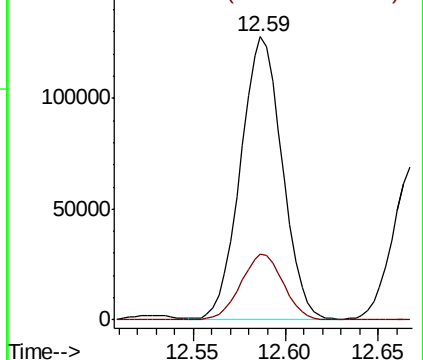
91 100

120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

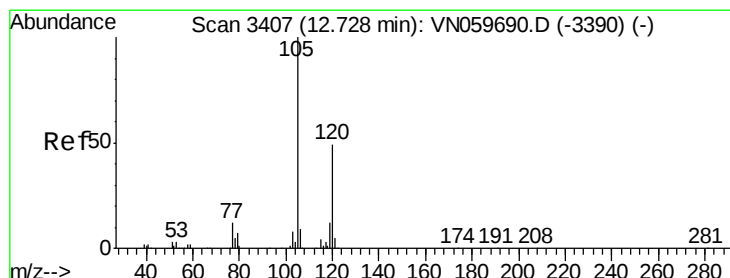
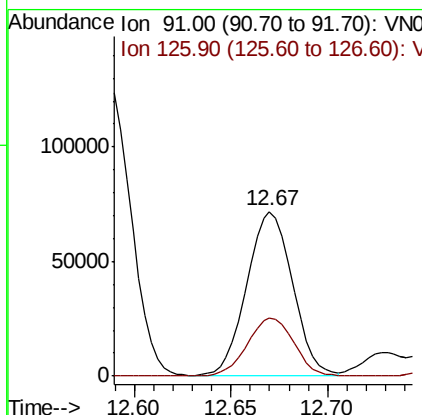
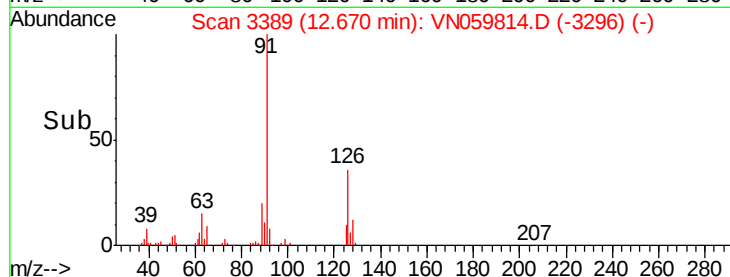
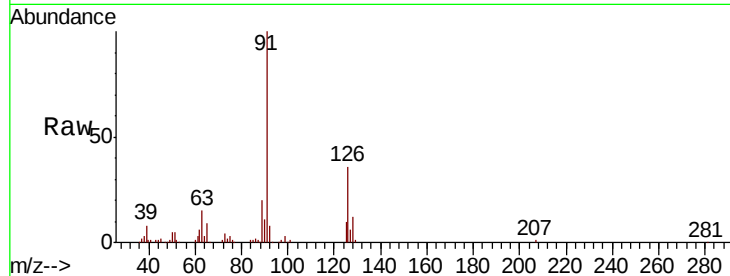




#79
2-Chlorotoluene
Concen: 19.335 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

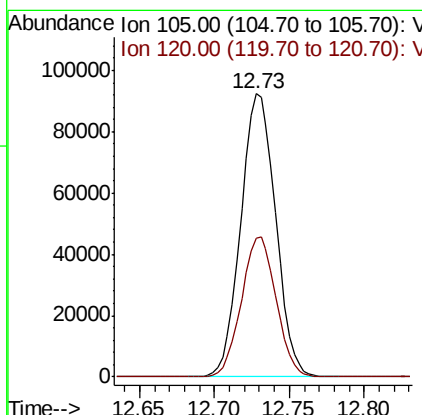
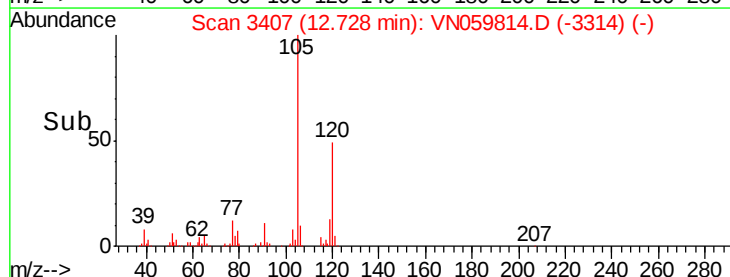
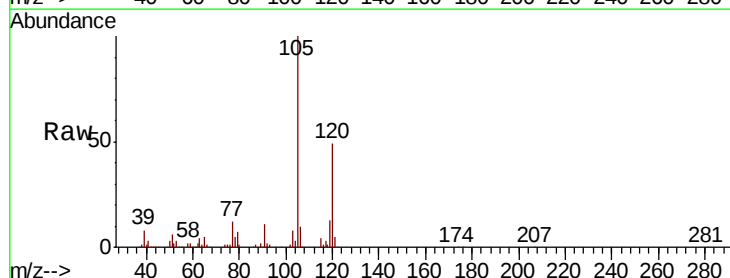
Instrument :
MSVOA_N
ClientSampleId :

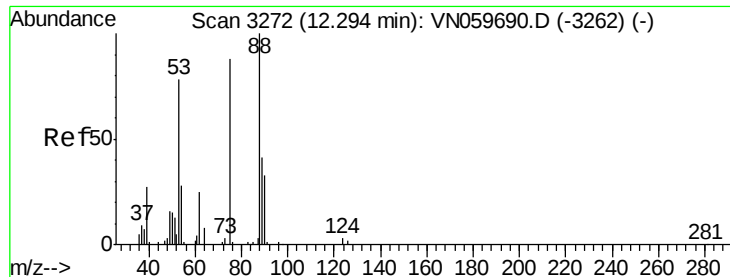
Tot Ion: 91 Resp: 118368
Ion Ratio Lower Upper
91 100
126 36.0 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 19.402 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 105 Resp: 149598
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.275 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

ClientSampled :

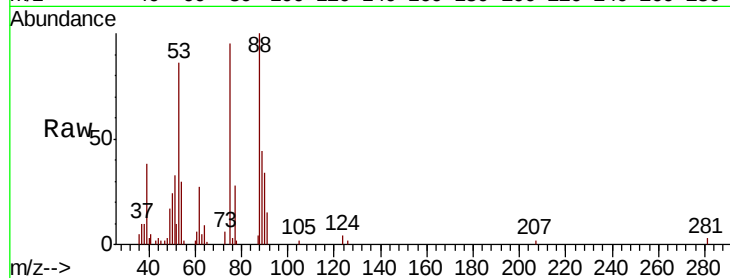
Tot Ion: 75 Resp: 18883

Ion Ratio Lower Upper

75 100

53 90.0 78.1 117.1

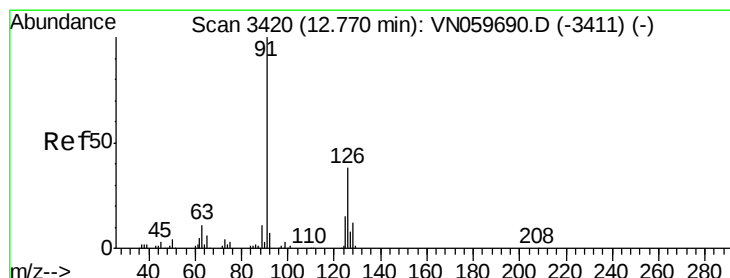
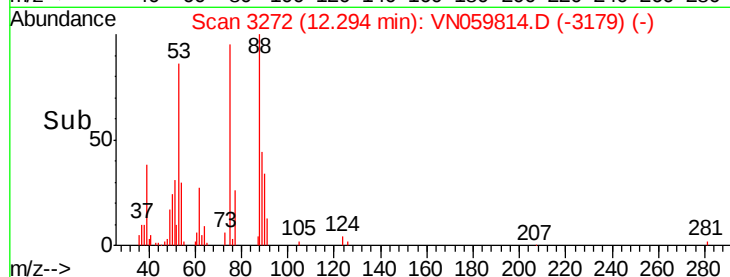
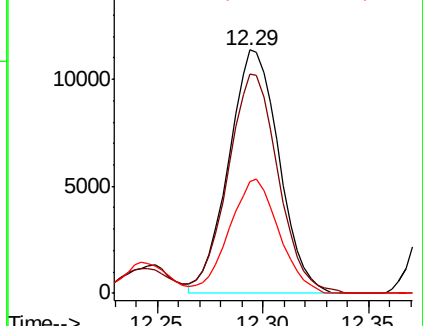
89 46.3 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.745 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059814.D

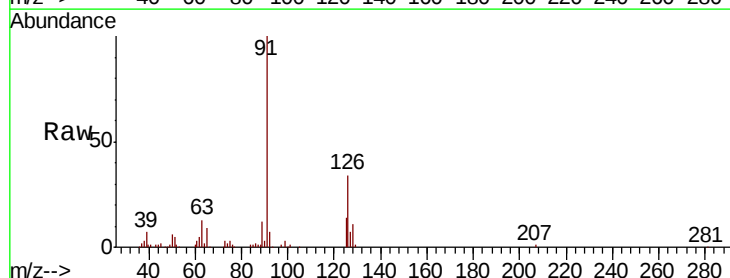
Acq: 21 Jan 2020 17:34

Tgt Ion: 91 Resp: 121240

Ion Ratio Lower Upper

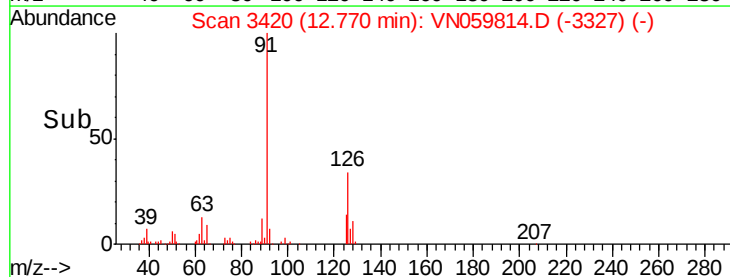
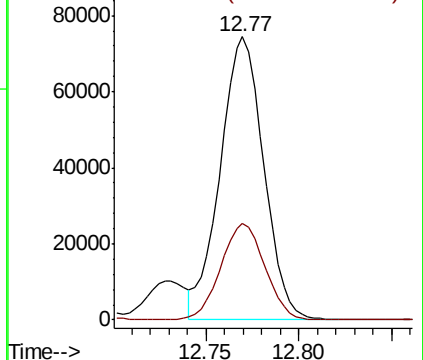
91 100

126 34.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

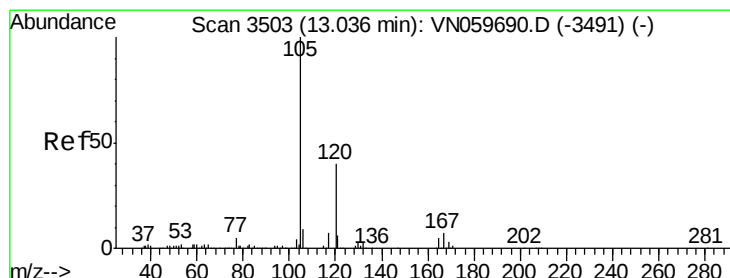
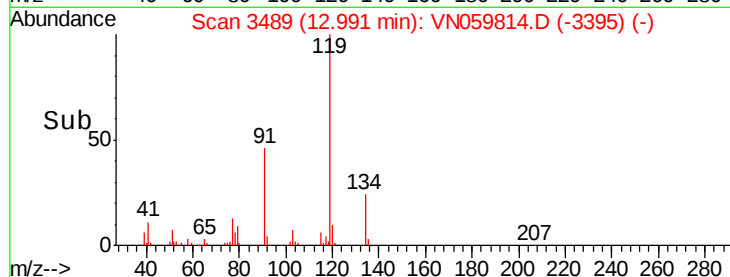
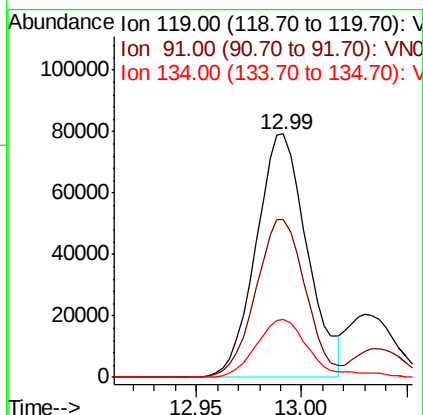
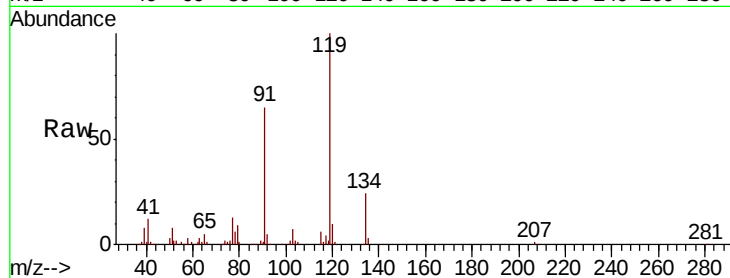




#83
 tert-Butylbenzene
 Concen: 19.982 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

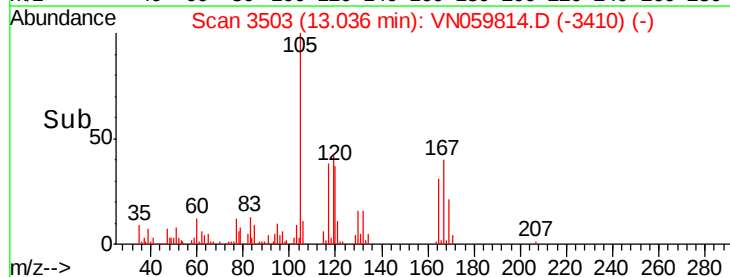
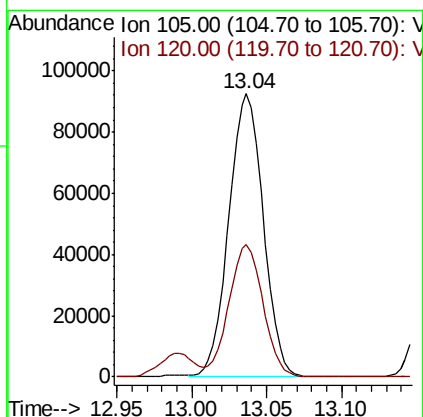
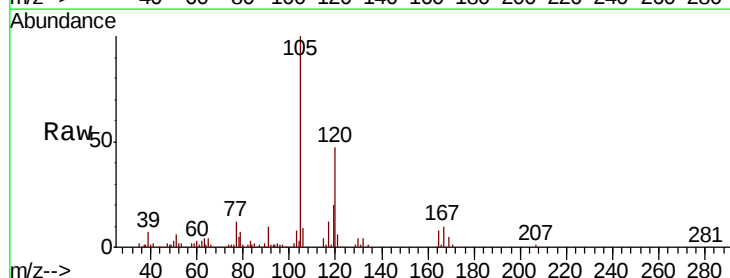
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 133253
 Ion Ratio Lower Upper
 119 100
 91 63.2 34.8 104.4
 134 25.2 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.508 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Tgt Ion:105 Resp: 148808
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.449 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

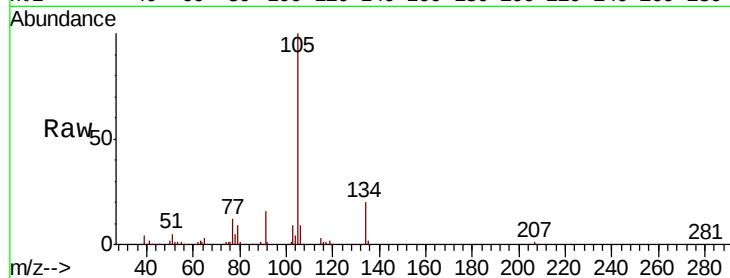
ClientSampleId :

Tot Ion:105 Resp: 170408

Ion Ratio Lower Upper

105 100

134 20.1 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

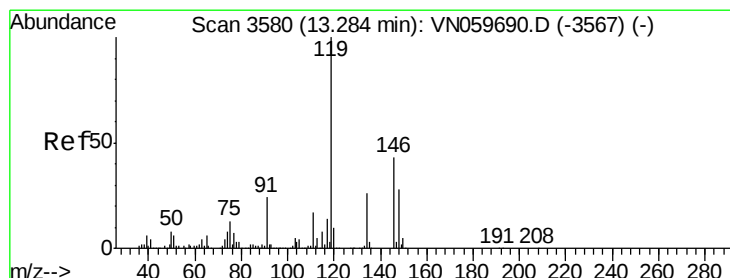
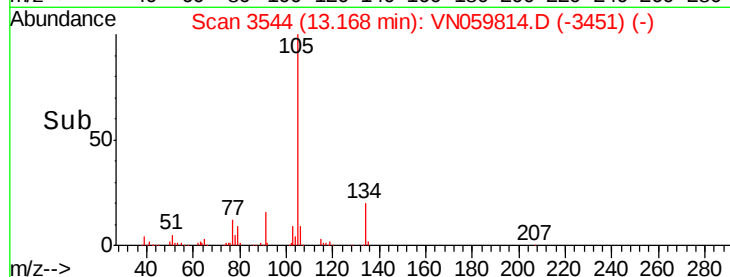
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.202 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

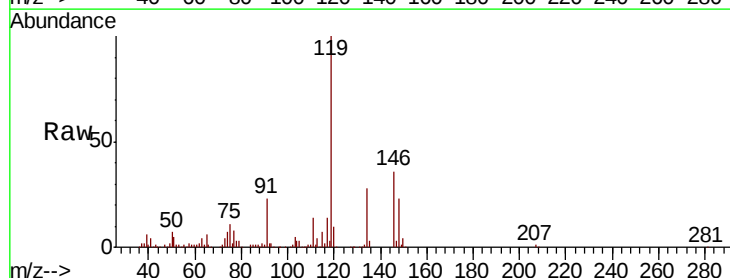
Tgt Ion:119 Resp: 155670

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.7

91 23.4 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

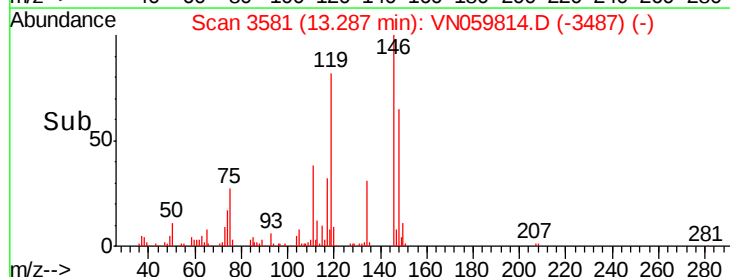
13.29

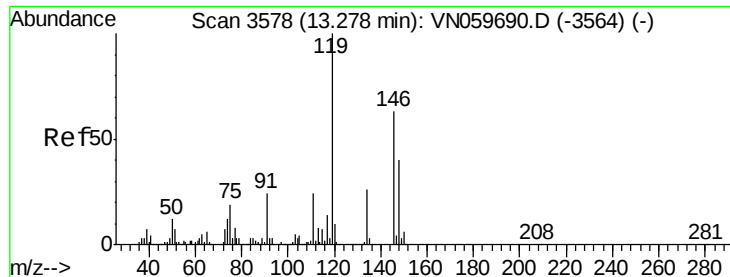
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.630 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

Instrument :

MSVOA_N

ClientSampleId :

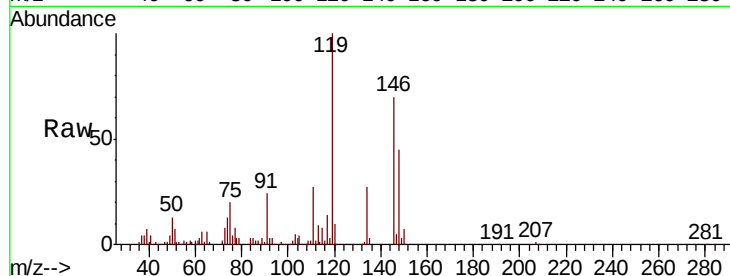
Tot Ion:146 Resp: 79170

Ion Ratio Lower Upper

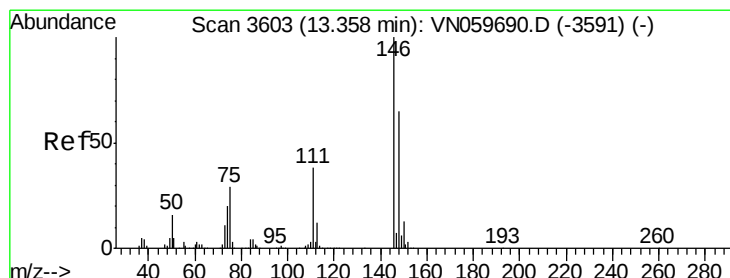
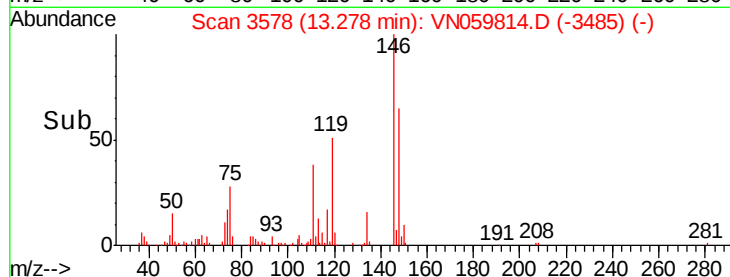
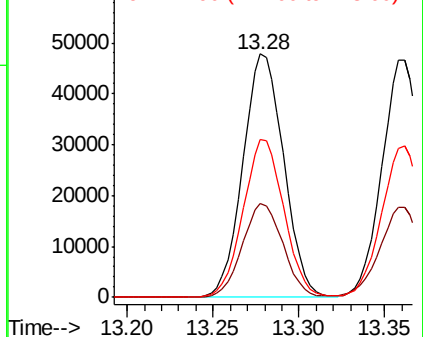
146 100

111 38.3 20.8 62.2

148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.127 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059814.D

Acq: 21 Jan 2020 17:34

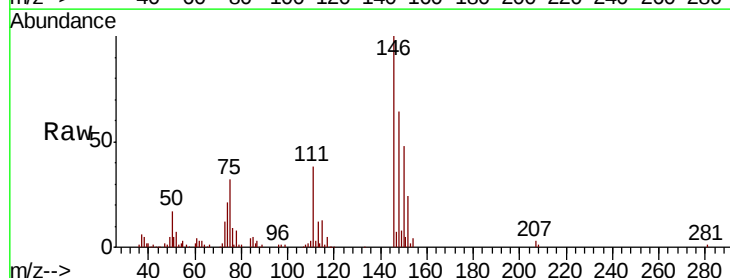
Tgt Ion:146 Resp: 76956

Ion Ratio Lower Upper

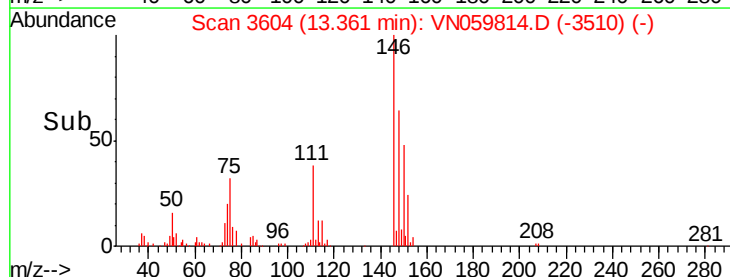
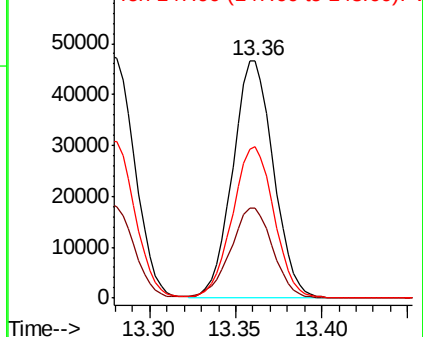
146 100

111 39.4 20.8 62.2

148 65.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

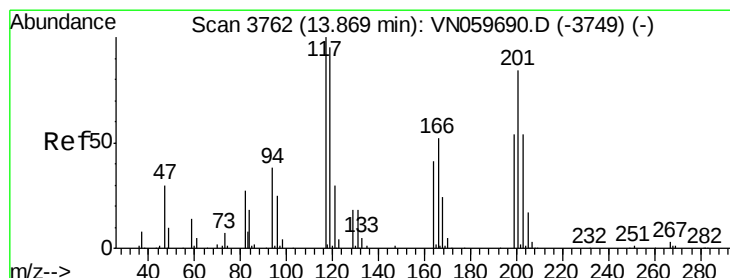
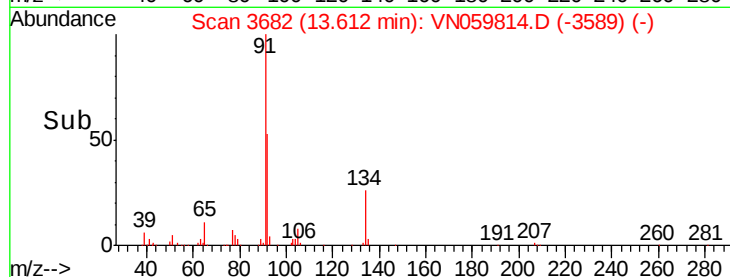
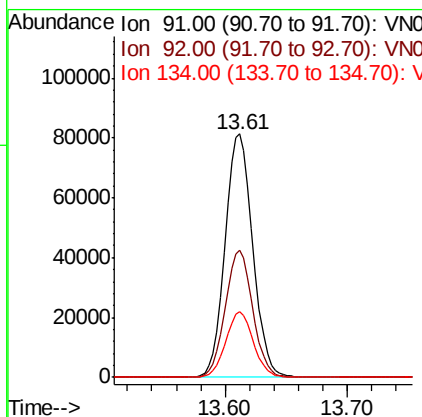
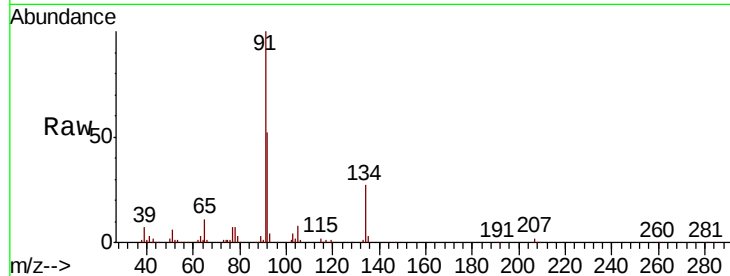




#89
n-Butylbenzene
Concen: 18.695 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

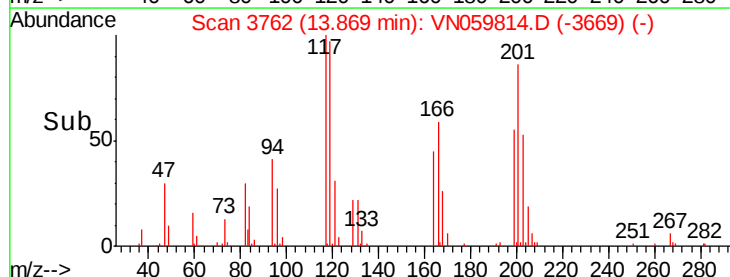
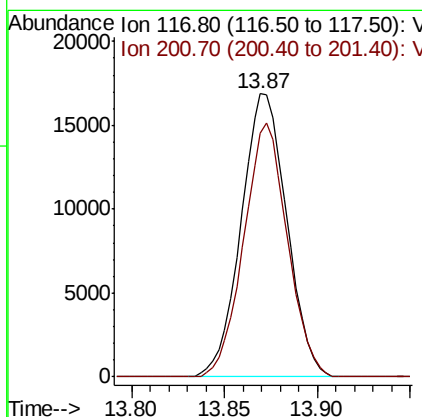
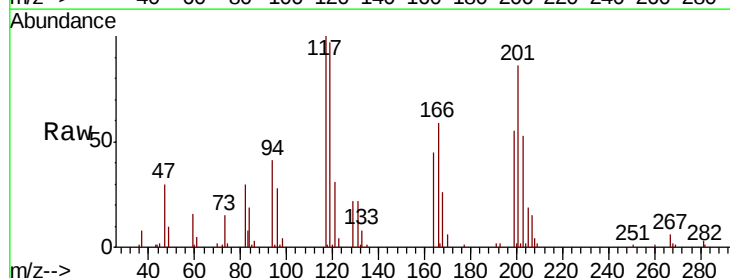
Instrument :
MSVOA_N
ClientSampled :

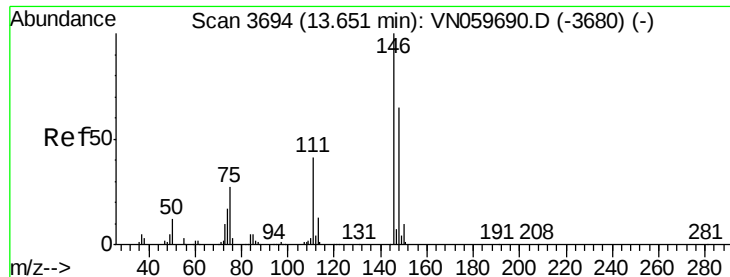
Tot Ion: 91 Resp: 129232
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.7
134 26.9 12.3 36.8



#90
Hexachloroethane
Concen: 19.012 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion: 117 Resp: 28838
Ion Ratio Lower Upper
117 100
201 85.7 37.8 113.4

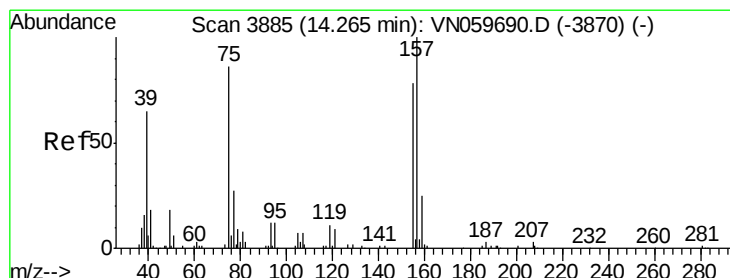
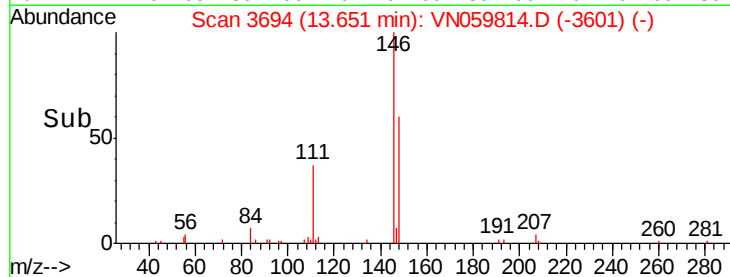
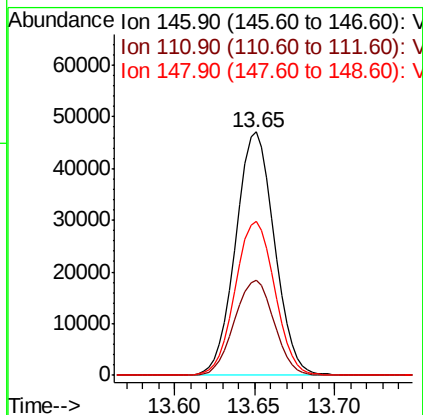
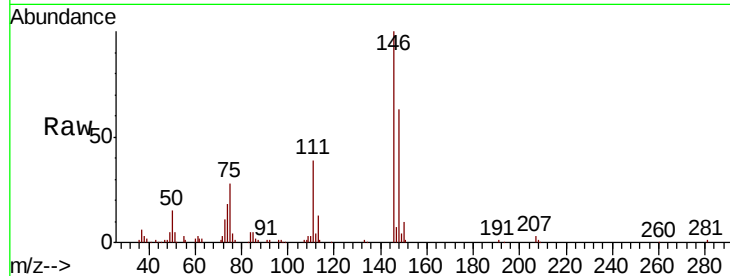




#91
 1,2-Dichlorobenzene
 Concen: 19.531 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

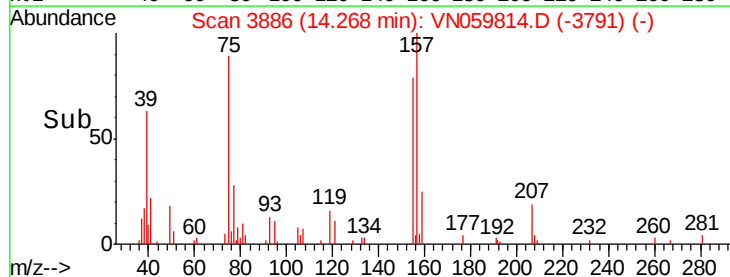
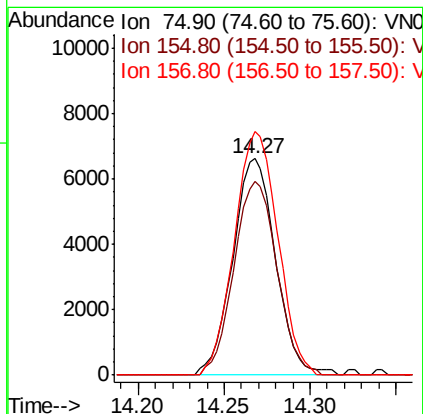
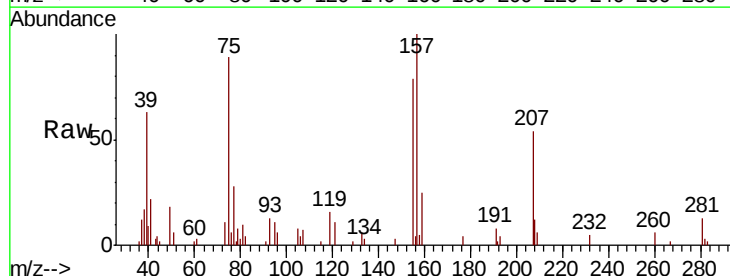
Instrument :
 MSVOA_N
 ClientSampleId :

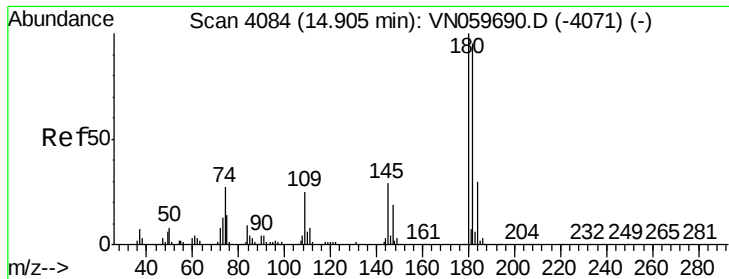
Tot Ion:146 Resp: 77873
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.6 64.8
 148 64.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.806 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Tgt Ion: 75 Resp: 11472
 Ion Ratio Lower Upper
 75 100
 155 89.5 37.0 110.9
 157 113.8 48.4 145.2

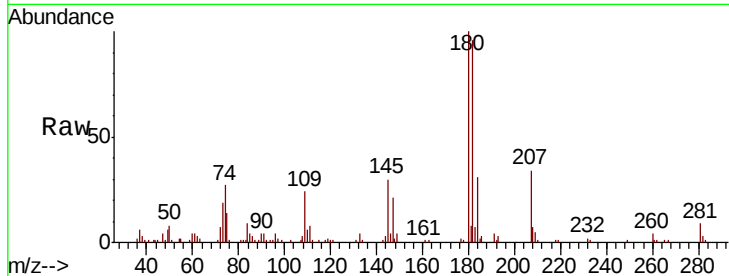




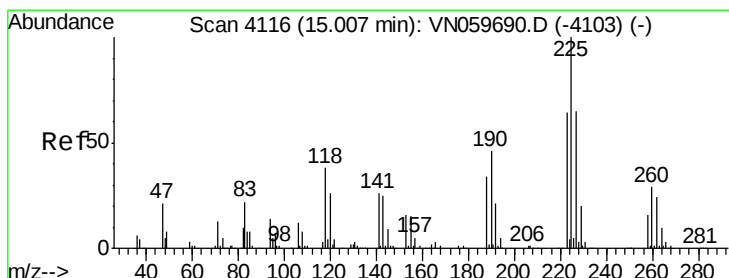
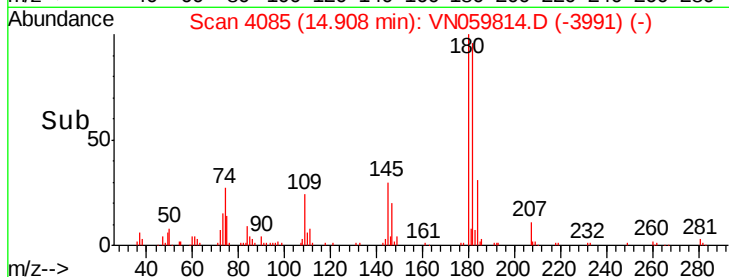
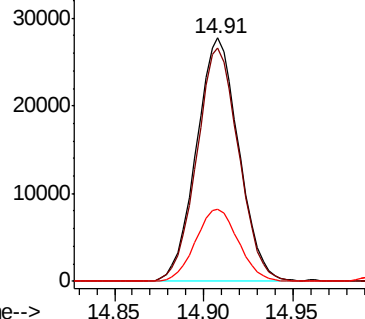
#93
 1,2,4-Trichlorobenzene
 Concen: 19.195 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 45988
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.7
 145 29.9 15.0 45.1

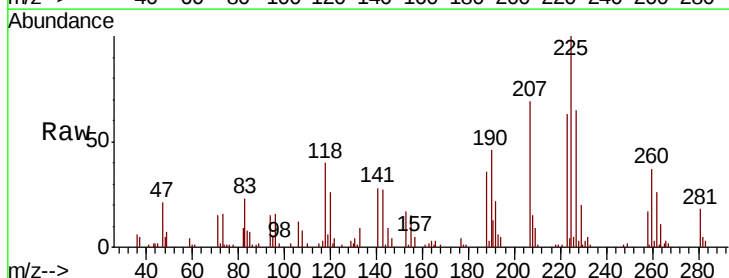


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

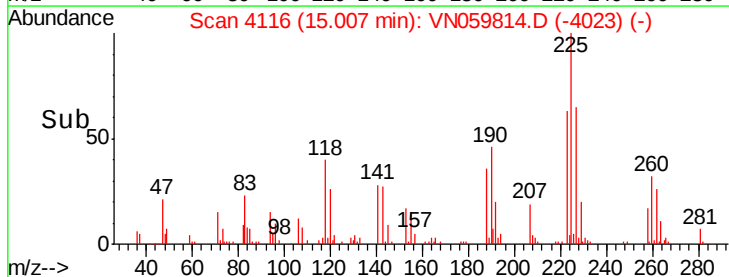
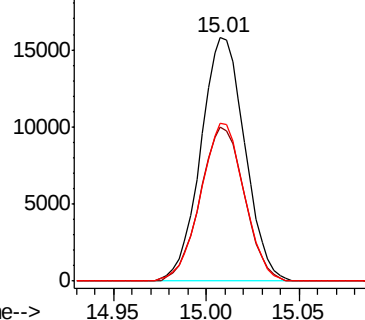


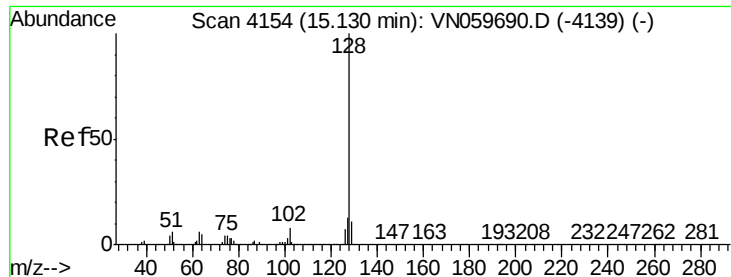
#94
 Hexachlorobutadiene
 Concen: 19.706 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059814.D
 Acq: 21 Jan 2020 17:34

Tgt Ion:225 Resp: 26016
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.8 95.3
 227 64.0 32.1 96.5



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

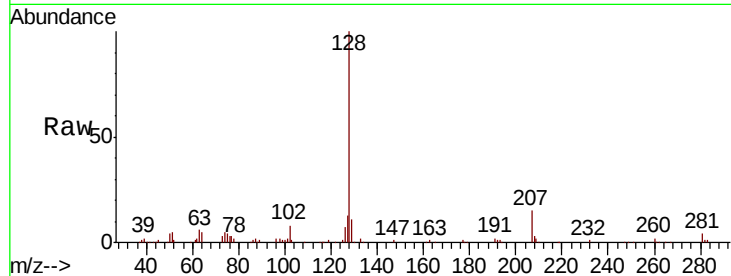




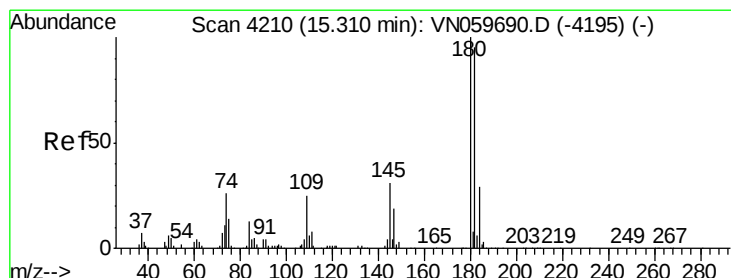
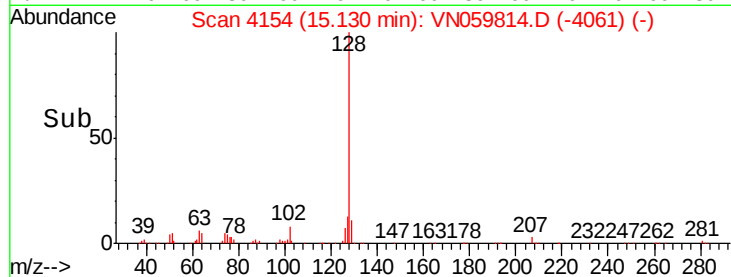
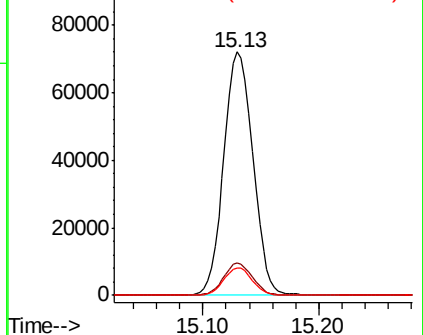
#95
Naphthalene
Concen: 18.490 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 126004
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 12.8

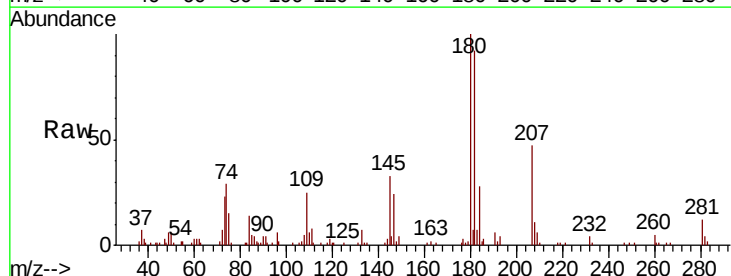


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.587 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059814.D
Acq: 21 Jan 2020 17:34

Tgt Ion:180 Resp: 45677
Ion Ratio Lower Upper
180 100
182 92.7 47.4 142.3
145 31.9 16.3 48.9



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

