

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059982.D
 Acq On : 3 Feb 2020 18:05
 Operator : JC/MD
 Sample : VN0203MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:01:20 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	191082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135804	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	111395	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.57	113	92915	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.08	98	344964	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	128354	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	35103	15.218	ug/l	100
3) Chloromethane	2.04	50	37842	17.298	ug/l	99
4) Vinyl Chloride	2.17	62	47634	19.030	ug/l	98
5) Bromomethane	2.55	94	27843	18.227	ug/l	97
6) Chloroethane	2.69	64	21757	18.373	ug/l	99
7) Trichlorofluoromethane	3.00	101	56641	18.843	ug/l	96
8) Diethyl Ether	3.39	74	20619	19.545	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31424	18.783	ug/l	92
10) Methyl Iodide	3.93	142	42551	15.735	ug/l	95
11) Tert butyl alcohol	4.73	59	36075	100.985	ug/l	97
12) 1,1-Dichloroethene	3.72	96	31734	18.152	ug/l	90
13) Acrolein	3.58	56	15677	61.995	ug/l	96
14) Allyl chloride	4.29	41	45592	19.348	ug/l #	88
15) Acrylonitrile	4.95	53	84298	103.450	ug/l	99
16) Acetone	3.78	43	74638	96.999	ug/l	96
17) Carbon Disulfide	4.03	76	74539	14.968	ug/l	99
18) Methyl Acetate	4.29	43	51876	20.929	ug/l	92
19) Methyl tert-butyl Ether	5.01	73	116766	20.486	ug/l	96
20) Methylene Chloride	4.53	84	38177	19.085	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	33531	18.044	ug/l	92
22) Diisopropyl ether	5.92	45	107714	20.171	ug/l	96
23) Vinyl Acetate	5.86	43	419399	101.441	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	64197	19.675	ug/l	97
25) 2-Butanone	6.80	43	113381	94.352	ug/l	91
26) 2,2-Dichloropropane	6.80	77	59673	19.023	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	42491	19.880	ug/l	90
28) Bromochloromethane	7.17	49	25723	19.725	ug/l #	75
29) Tetrahydrofuran	7.18	42	75035	100.921	ug/l	89
30) Chloroform	7.35	83	67922	20.091	ug/l	99
31) Cyclohexane	7.63	56	54560	17.378	ug/l #	88
32) 1,1,1-Trichloroethane	7.55	97	61953	19.820	ug/l	97
36) 1,1-Dichloropropene	7.77	75	47791	18.048	ug/l	96
37) Ethyl Acetate	6.90	43	48492	19.525	ug/l	97
38) Carbon Tetrachloride	7.75	117	53961	18.733	ug/l	100

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 Sample : VN0203MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:01:20 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	55369	16.958	ug/l	92
40) Benzene	8.02	78	145159	18.380	ug/l	98
41) Methacrylonitrile	7.18	41	70002	57.222	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	53294	19.903	ug/l	97
43) Isopropyl Acetate	8.14	43	82539	19.321	ug/l #	95
44) Trichloroethene	8.82	130	40616	18.839	ug/l	92
45) 1,2-Dichloropropane	9.10	63	37268	19.070	ug/l	98
46) Dibromomethane	9.19	93	26444	19.183	ug/l	91
47) Bromodichloromethane	9.39	83	53954	19.422	ug/l	99
48) Methyl methacrylate	9.18	41	35075	18.356	ug/l	90
49) 1,4-Dioxane	9.18	88	13313	380.582	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	246257	99.719	ug/l	95
52) Toluene	10.14	92	92769	18.597	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	60478	19.498	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	63650	19.502	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	38404	19.438	ug/l	97
56) Ethyl methacrylate	10.42	69	56756	18.800	ug/l	93
57) 1,3-Dichloropropane	10.70	76	63184	20.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	95035	104.515	ug/l	93
59) 2-Hexanone	10.74	43	179135	98.464	ug/l	95
60) Dibromochloromethane	10.89	129	44426	19.746	ug/l	99
61) 1,2-Dibromoethane	11.00	107	40745	19.676	ug/l	99
64) Tetrachloroethene	10.62	164	36849	16.008	ug/l	95
65) Chlorobenzene	11.43	112	103512	18.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40668	18.959	ug/l	97
67) Ethyl Benzene	11.51	91	184253	18.284	ug/l	98
68) m/p-Xylenes	11.62	106	137468	36.113	ug/l	95
69) o-Xylene	11.94	106	67327	18.066	ug/l	95
70) Styrene	11.96	104	108490	17.397	ug/l	98
71) Bromoform	12.12	173	32193	18.737	ug/l #	97
73) Isopropylbenzene	12.25	105	182018	18.275	ug/l	100
74) N-amyl acetate	12.07	43	69883	18.082	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	56435	19.546	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	73513	32.166	ug/l #	100
77) Bromobenzene	12.52	156	47239	18.729	ug/l	82
78) n-propylbenzene	12.59	91	204323	18.278	ug/l	97
79) 2-Chlorotoluene	12.67	91	120492	18.118	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	150574	17.976	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19798	18.603	ug/l	96
82) 4-Chlorotoluene	12.77	91	124805	18.710	ug/l	97
83) tert-Butylbenzene	12.99	119	130194	17.972	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	151915	18.332	ug/l	100
85) sec-Butylbenzene	13.17	105	171960	18.067	ug/l	100
86) p-Isopropyltoluene	13.29	119	157050	17.832	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	81992	18.715	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	80468	18.411	ug/l	98
89) n-Butylbenzene	13.61	91	136210	18.139	ug/l	98
90) Hexachloroethane	13.87	117	29047	17.628	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	80097	18.493	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12509	18.885	ug/l	87

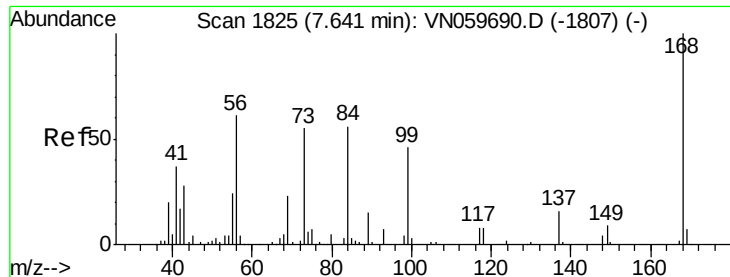
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
Data File : VN059982.D
Acq On : 3 Feb 2020 18:05
Operator : JC/MD
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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 04 04:01:20 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	49201	18.905	ug/l	99
94) Hexachlorobutadiene	15.01	225	24335	16.968	ug/l	99
95) Naphthalene	15.13	128	140476	18.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47614	18.795	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

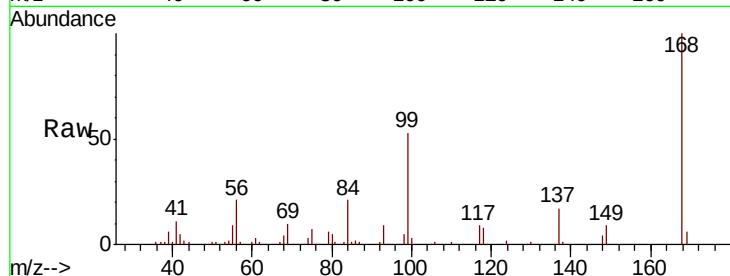
ClientSampled :

Tot Ion:168 Resp: 191082

Ion Ratio Lower Upper

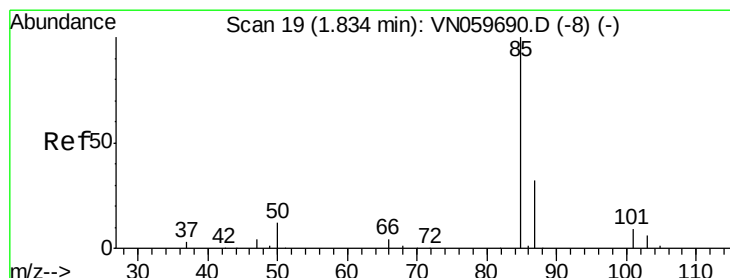
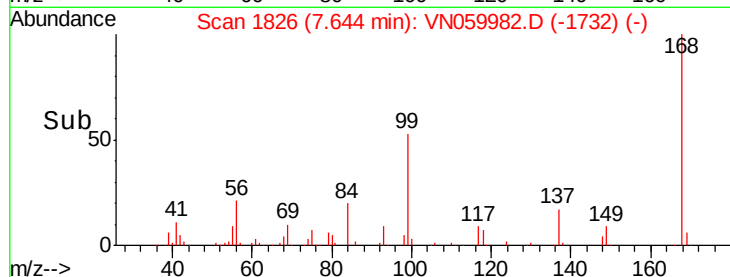
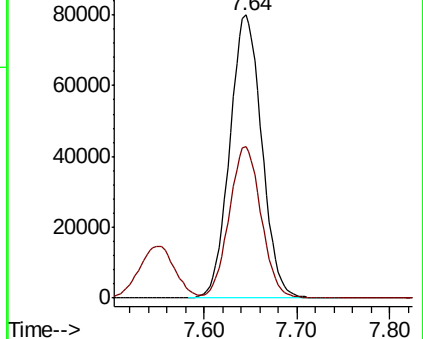
168 100

99 53.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059982.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059982.D (-1732) (-)



#2

Dichlorodifluoromethane

Concen: 15.218 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059982.D

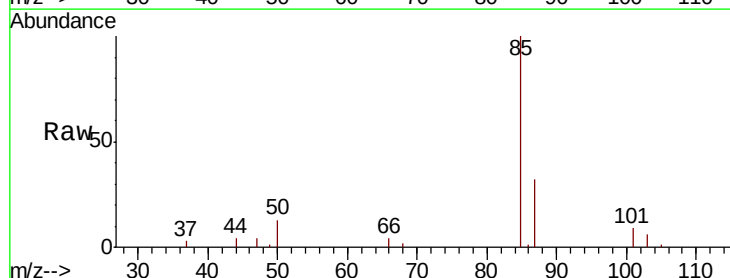
Acq: 3 Feb 2020 18:05

Tgt Ion: 85 Resp: 35103

Ion Ratio Lower Upper

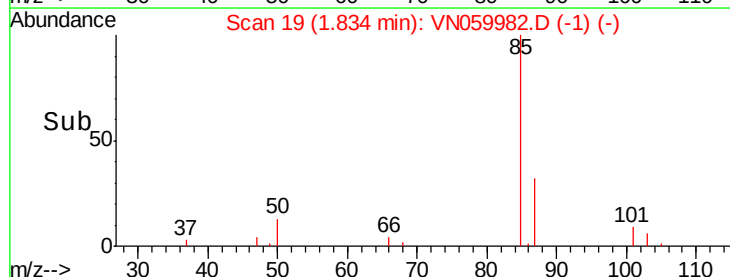
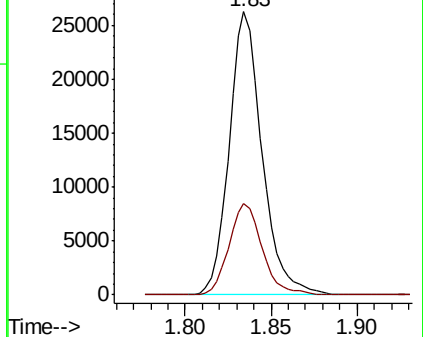
85 100

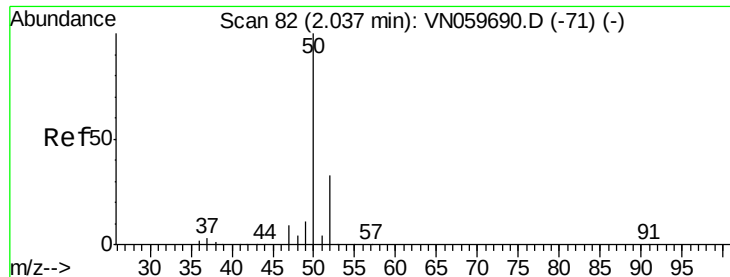
87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN059982.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN059982.D (-1) (-)





#3

Chloromethane

Concen: 17.298 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

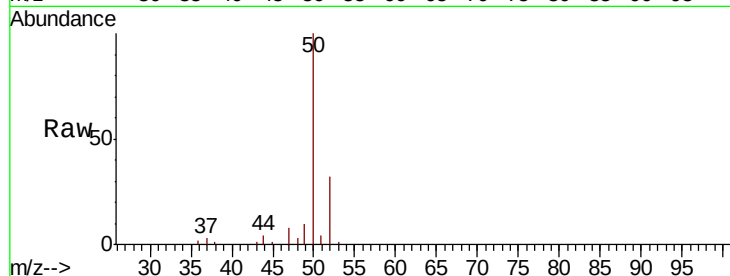
ClientSampled :

Tot Ion: 50 Resp: 37842

Ion Ratio Lower Upper

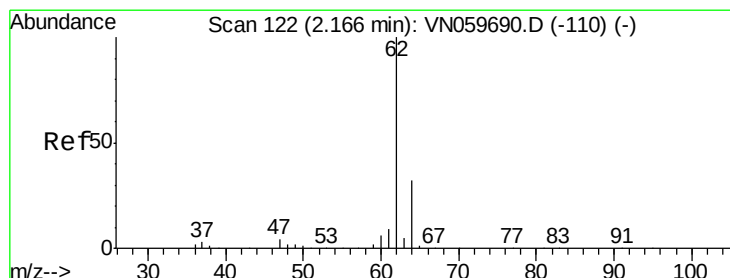
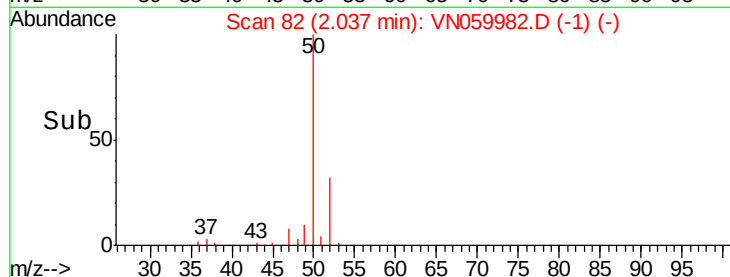
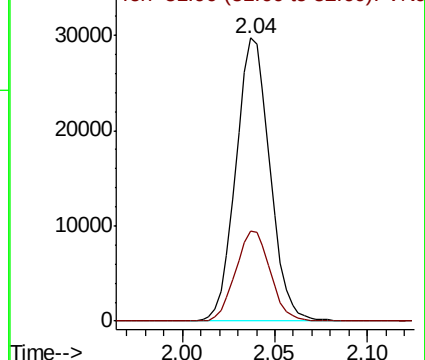
50 100

52 31.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.030 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059982.D

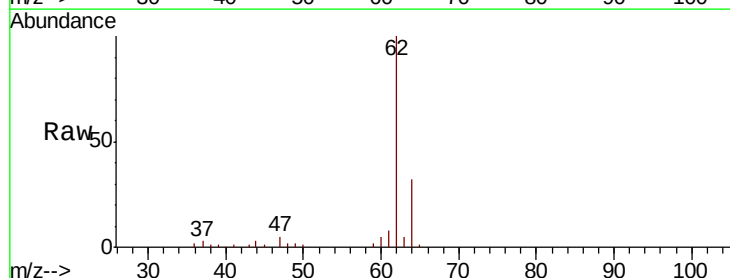
Acq: 3 Feb 2020 18:05

Tgt Ion: 62 Resp: 47634

Ion Ratio Lower Upper

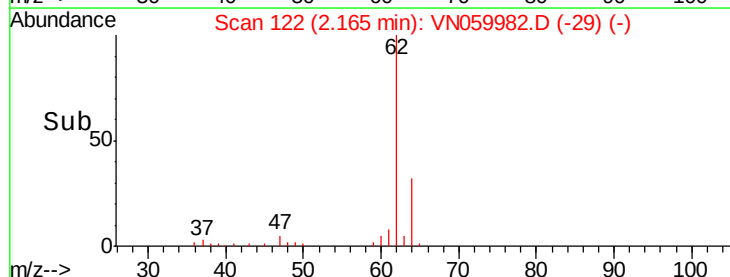
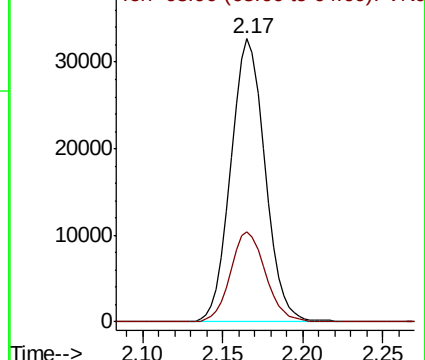
62 100

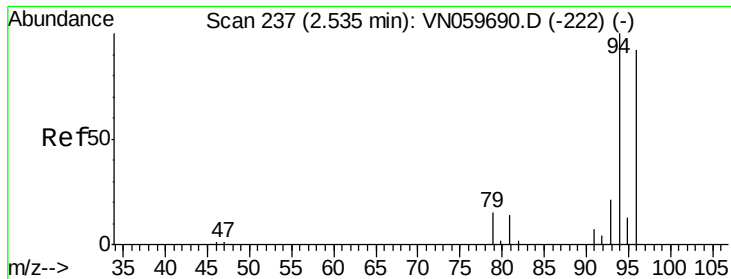
64 31.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.227 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

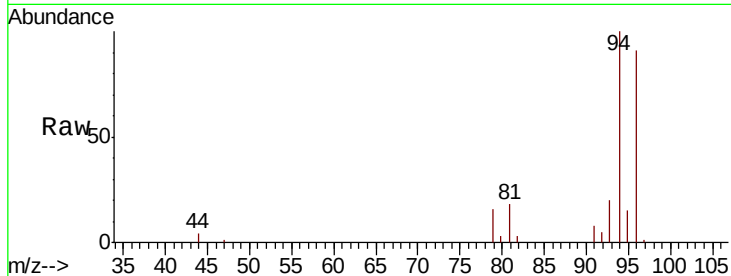
ClientSampled :

Tot Ion: 94 Resp: 27843

Ion Ratio Lower Upper

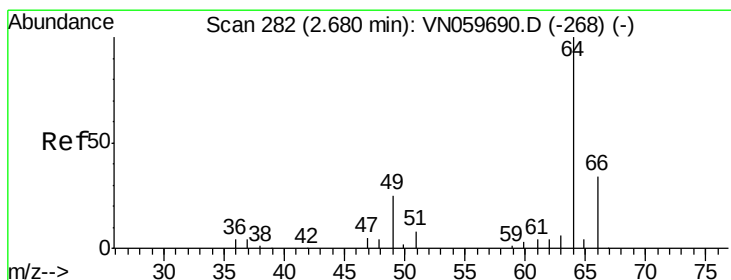
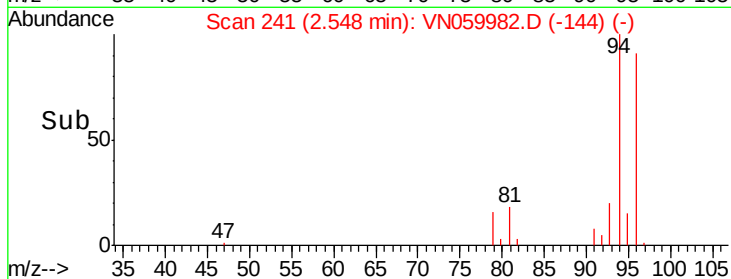
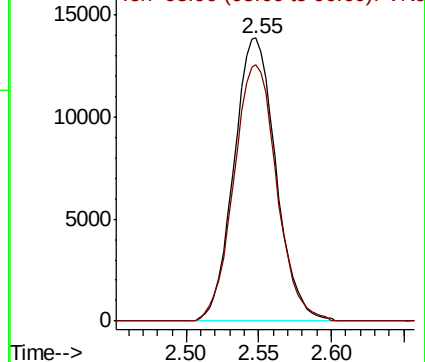
94 100

96 90.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.373 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059982.D

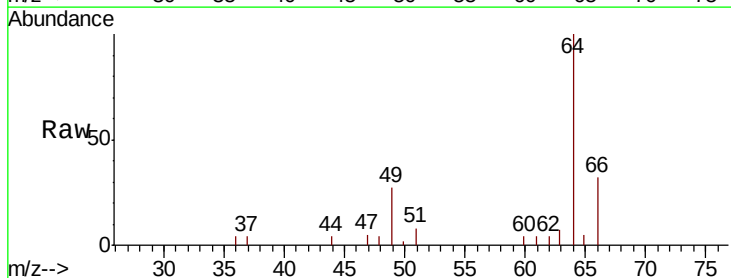
Acq: 3 Feb 2020 18:05

Tgt Ion: 64 Resp: 21757

Ion Ratio Lower Upper

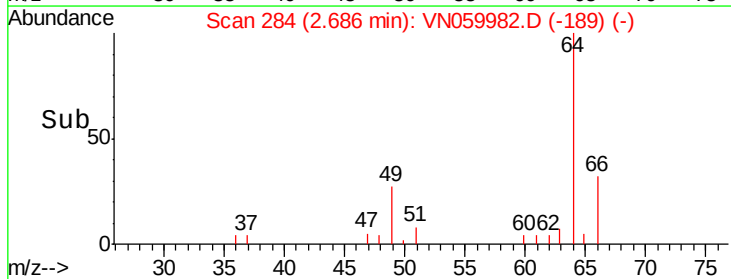
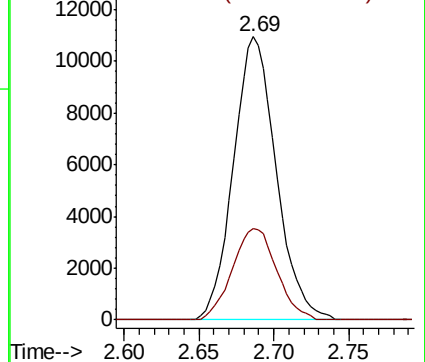
64 100

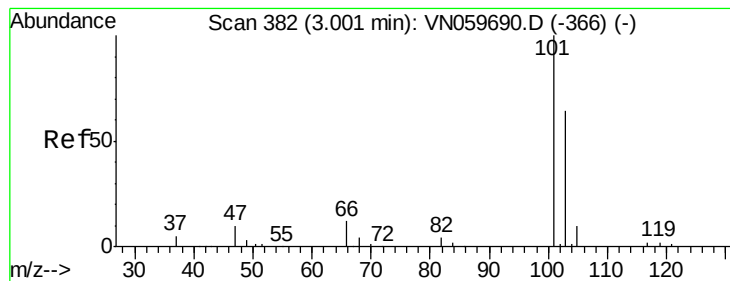
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



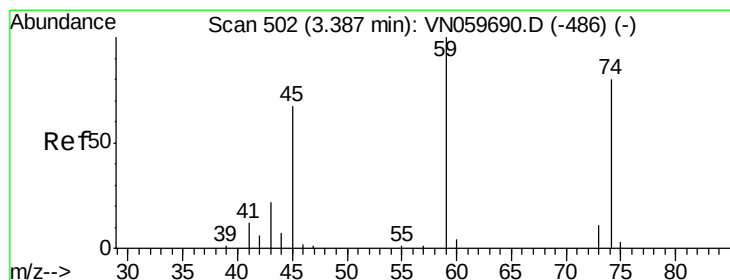
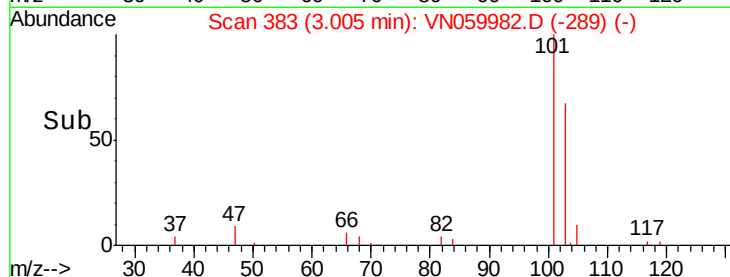
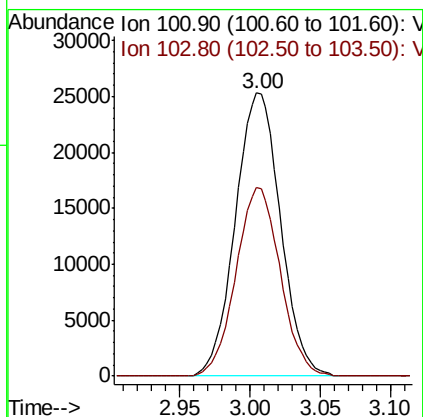
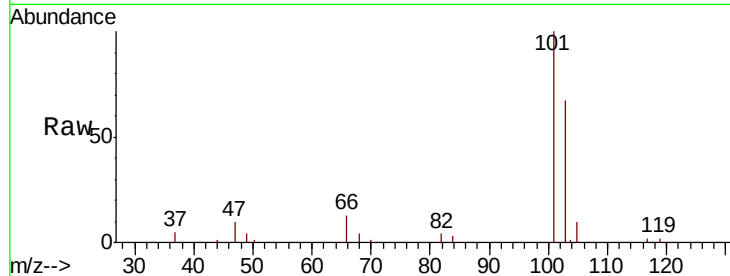


#7

Trichlorofluoromethane
Concen: 18.843 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

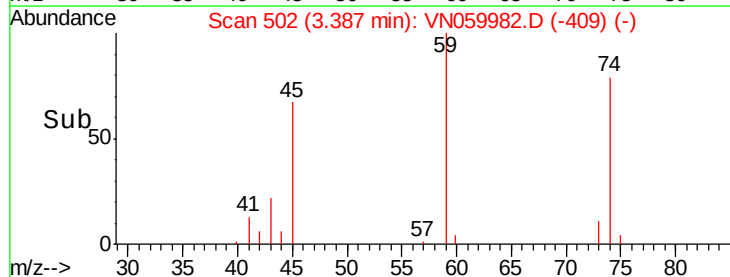
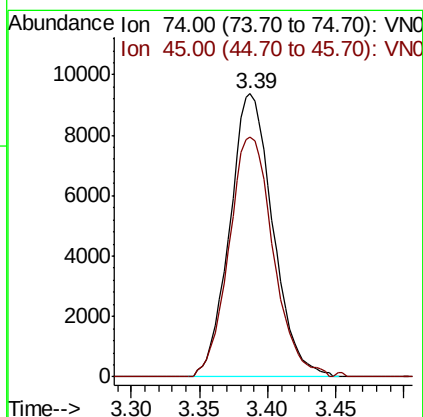
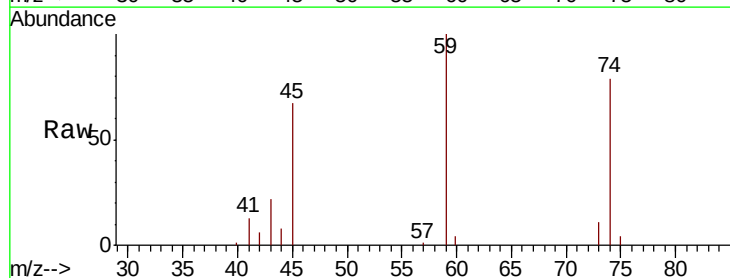
Tot Ion:101 Resp: 56641
Ion Ratio Lower Upper
101 100
103 66.6 51.0 76.6

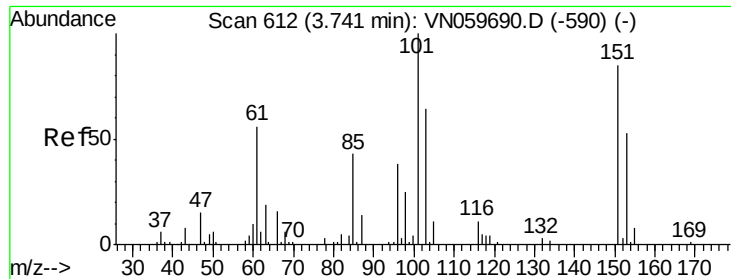


#8

Diethyl Ether
Concen: 19.545 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 74 Resp: 20619
Ion Ratio Lower Upper
74 100
45 86.8 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.783 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

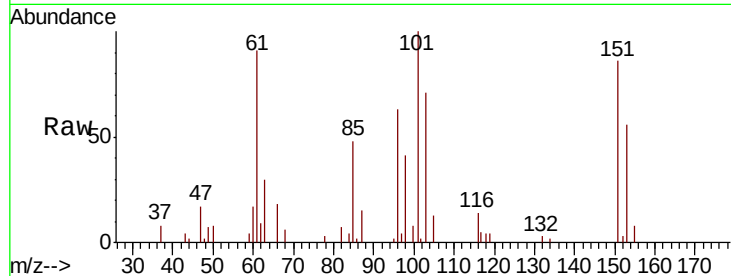
Tot Ion:101 Resp: 31424

Ion Ratio Lower Upper

101 100

85 44.6 36.6 54.8

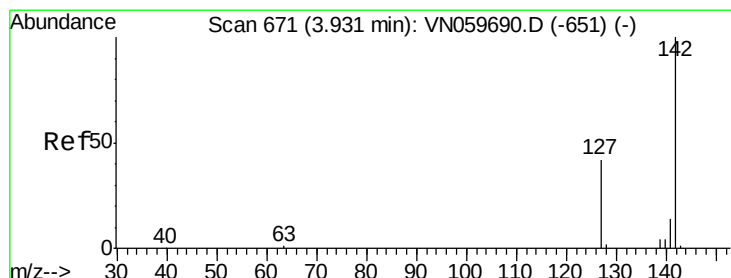
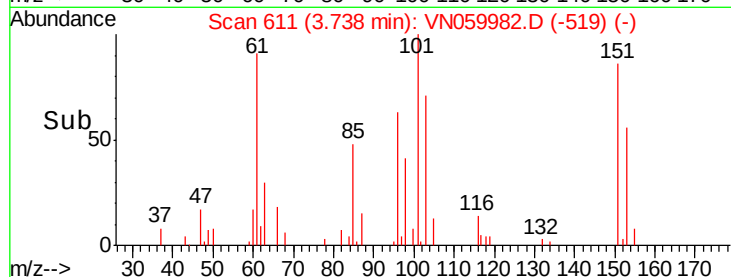
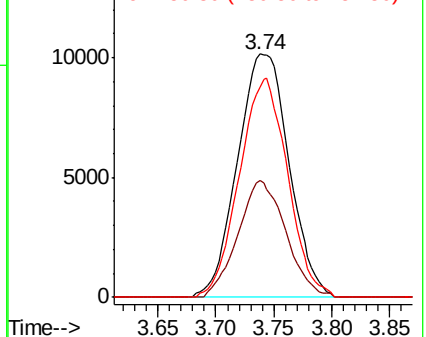
151 84.0 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.735 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

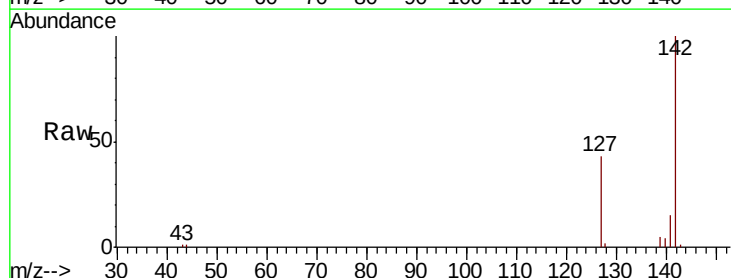
Tgt Ion:142 Resp: 42551

Ion Ratio Lower Upper

142 100

127 42.0 36.7 55.1

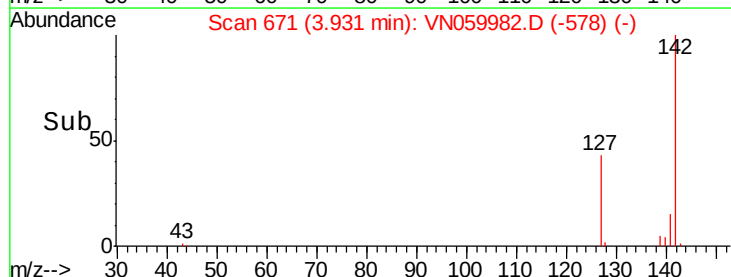
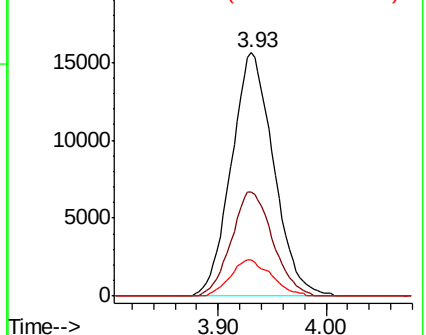
141 14.4 11.7 17.5

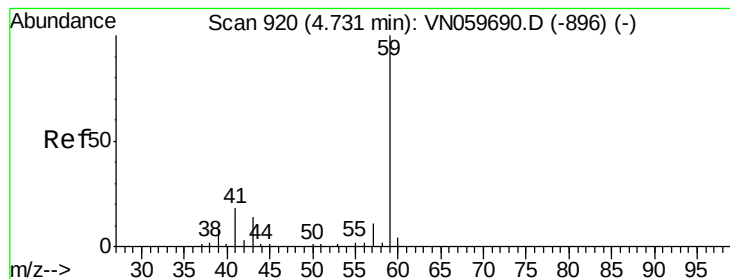


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



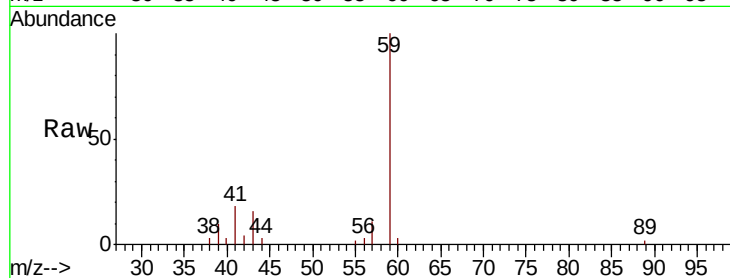


#11

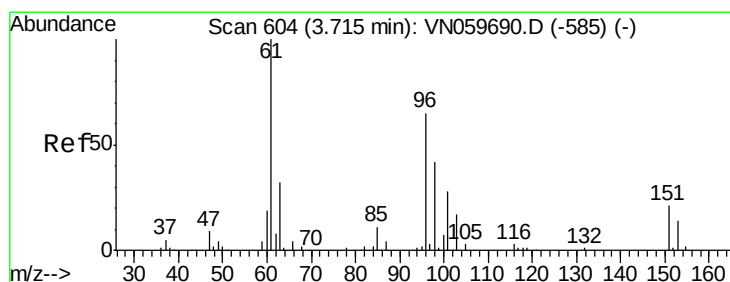
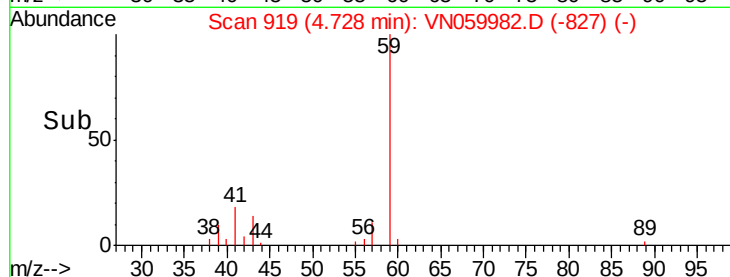
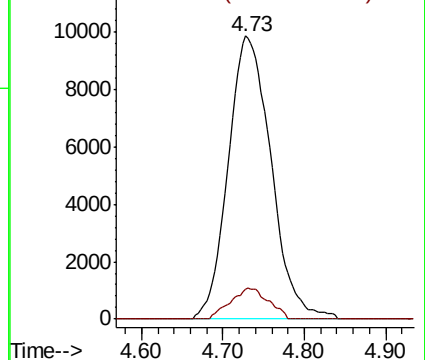
Tert butyl alcohol
 Concen: 100.985 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 59 Resp: 36075
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.6 12.8



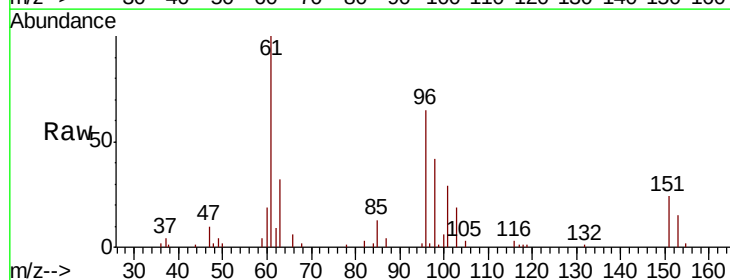
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



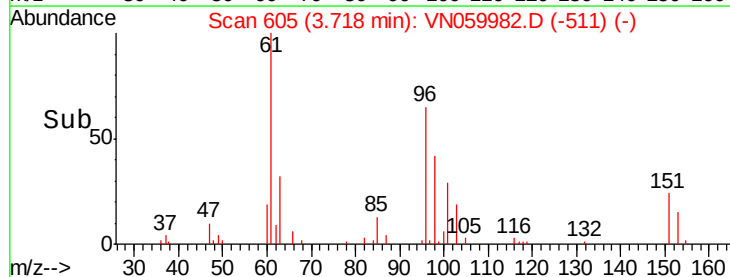
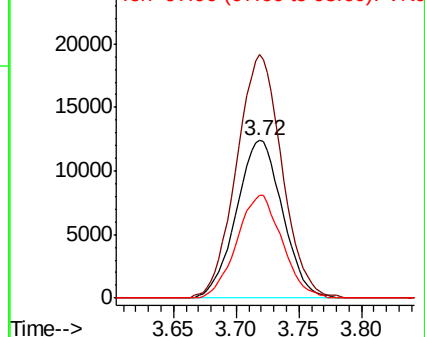
#12

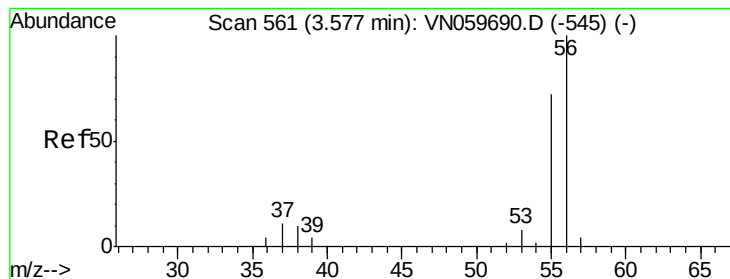
1,1-Dichloroethene
 Concen: 18.152 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion: 96 Resp: 31734
 Ion Ratio Lower Upper
 96 100
 61 154.5 137.5 206.3
 98 65.5 50.2 75.4



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





#13

Acrolein

Concen: 61.995 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

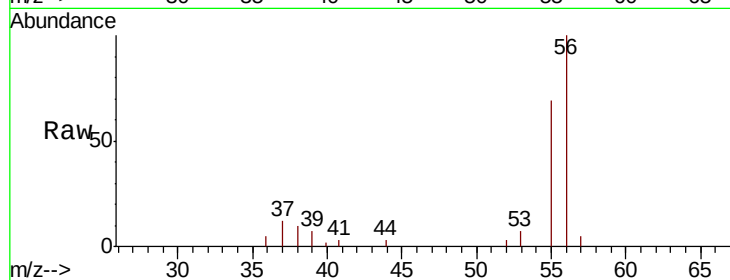
ClientSampleId :

Tot Ion: 56 Resp: 15677

Ion Ratio Lower Upper

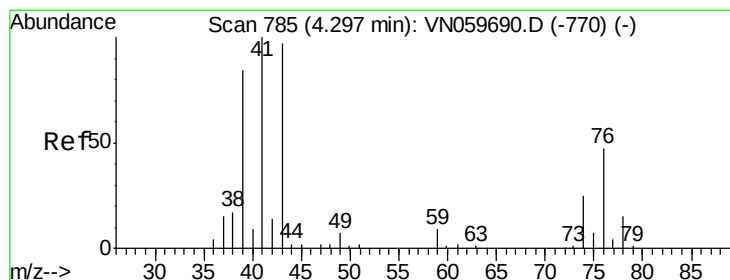
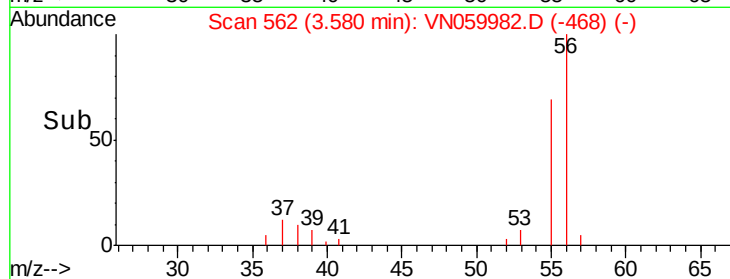
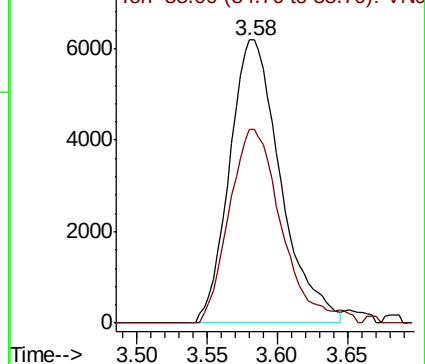
56 100

55 70.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.348 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

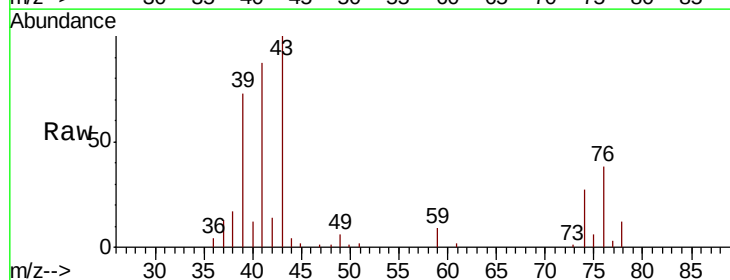
Tgt Ion: 41 Resp: 45592

Ion Ratio Lower Upper

41 100

39 81.0 57.8 86.8

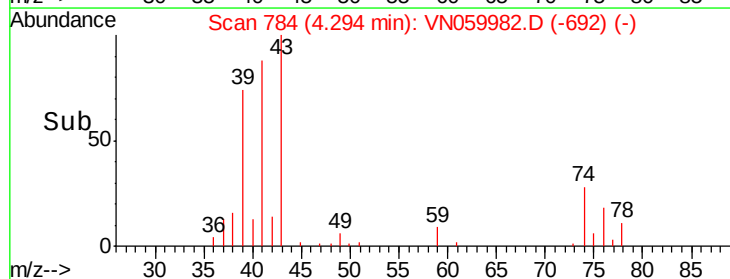
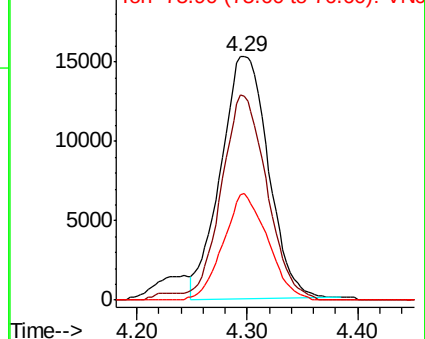
76 41.0 25.4 38.0#

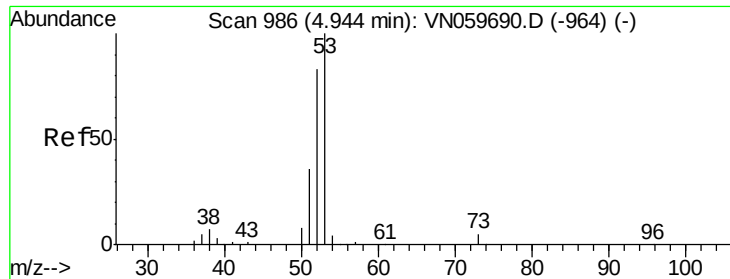


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 103.450 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

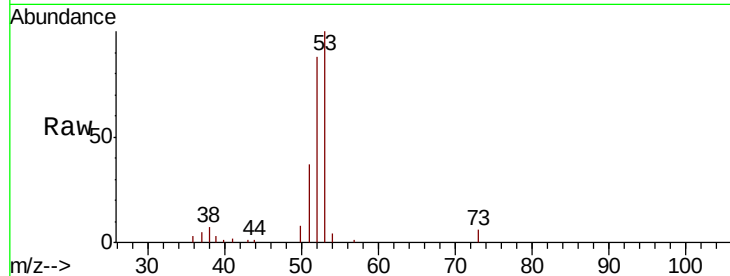
Tot Ion: 53 Resp: 84298

Ion Ratio Lower Upper

53 100

52 84.5 66.3 99.5

51 36.8 29.7 44.5

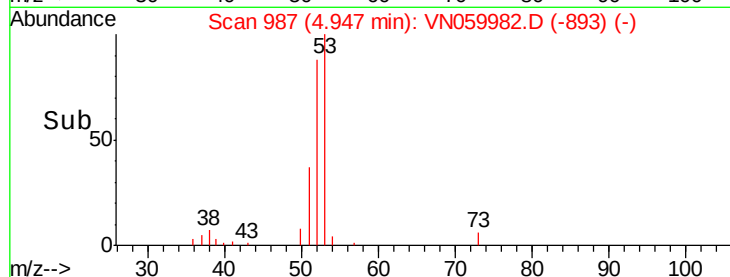


Abundance Ion 53.00 (52.70 to 53.70): VN059982.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN059982.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN059982.D (-964) (-)

Time-->

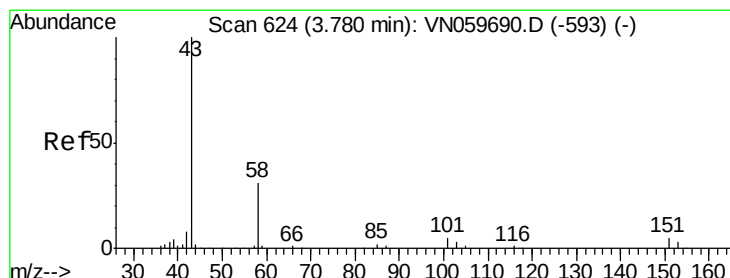


Abundance Ion 53.00 (52.70 to 53.70): VN059982.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059982.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059982.D (-893) (-)

Time-->



#16

Acetone

Concen: 96.999 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059982.D

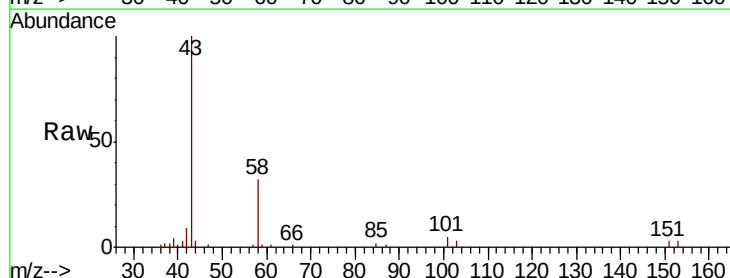
Acq: 3 Feb 2020 18:05

Tgt Ion: 43 Resp: 74638

Ion Ratio Lower Upper

43 100

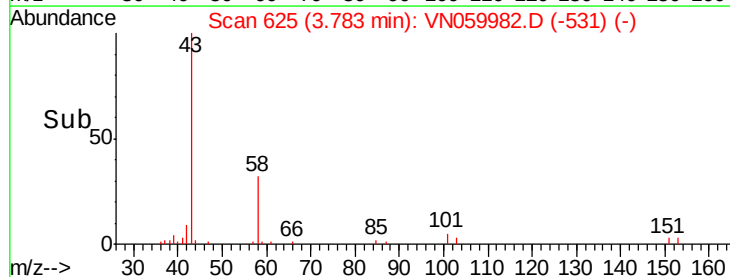
58 31.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059982.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059982.D (-593) (-)

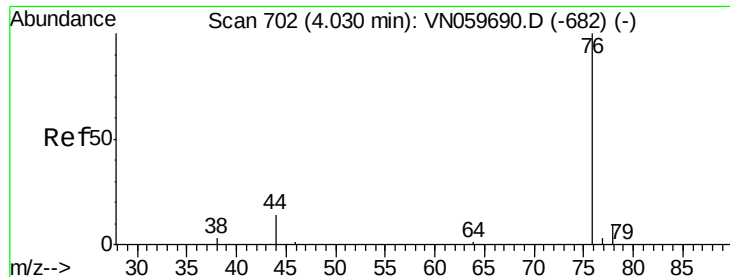
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN059982.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN059982.D (-531) (-)

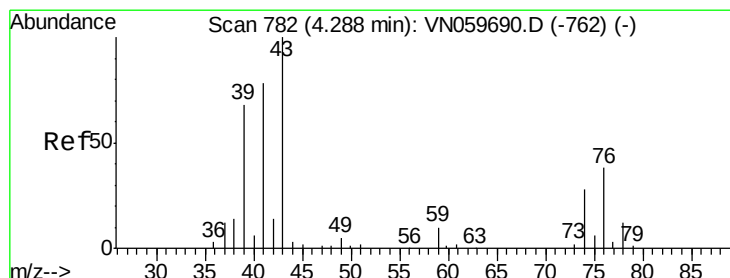
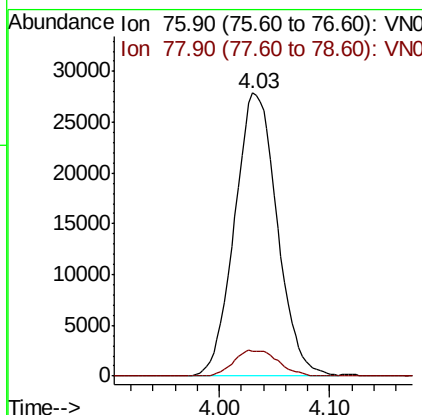
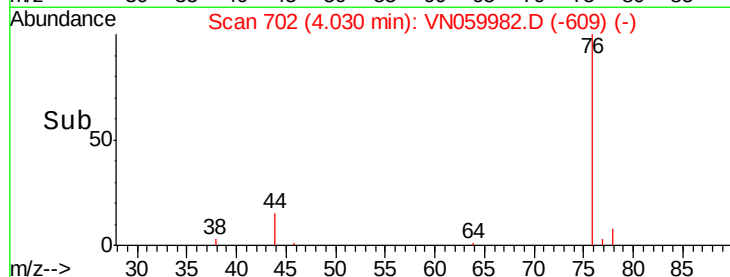
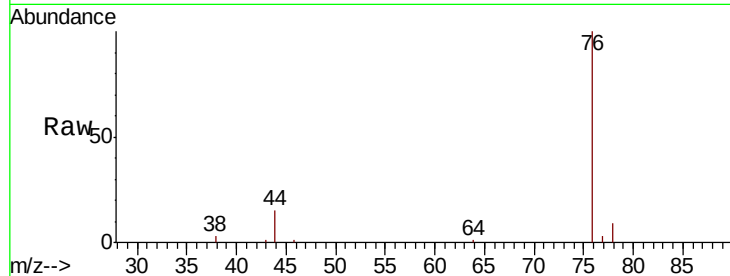
Time-->



#17
Carbon Disulfide
Concen: 14.968 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

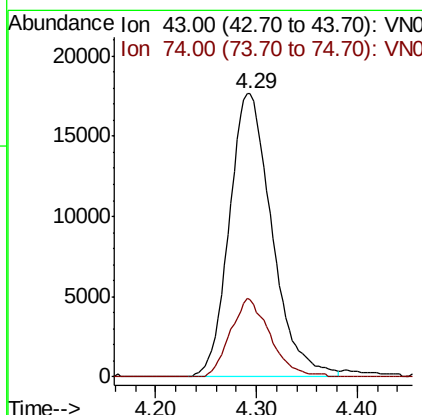
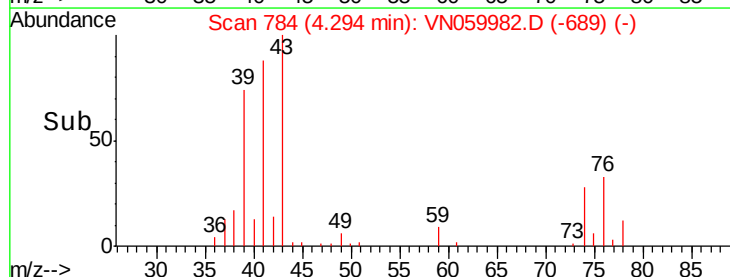
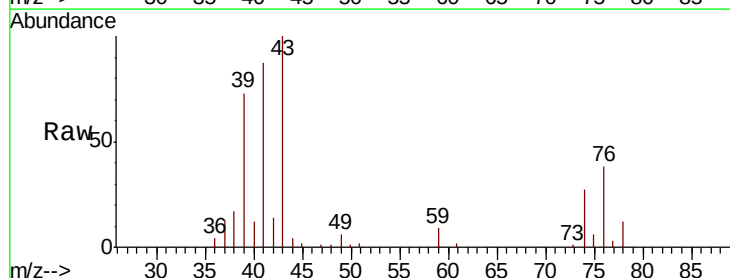
Instrument :
MSVOA_N
ClientSampled :

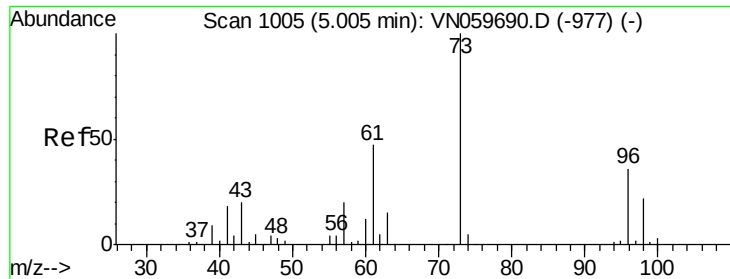
Tot Ion: 76 Resp: 74539
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 20.929 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 43 Resp: 51876
Ion Ratio Lower Upper
43 100
74 25.8 17.5 26.3

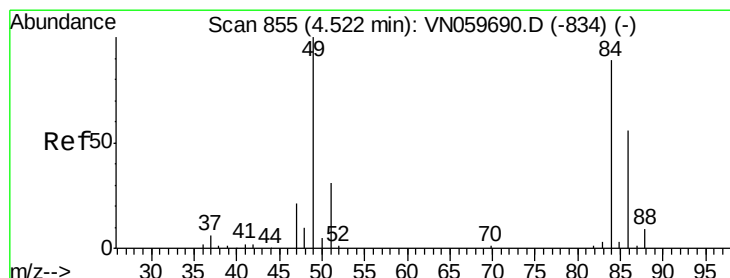
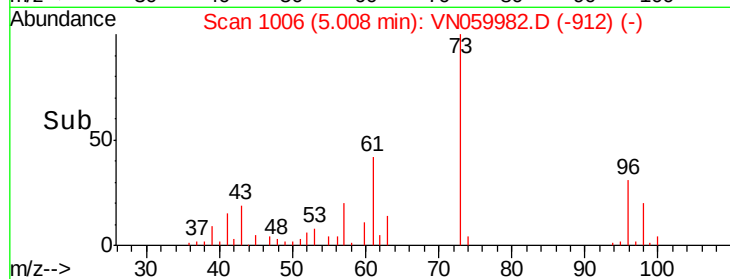
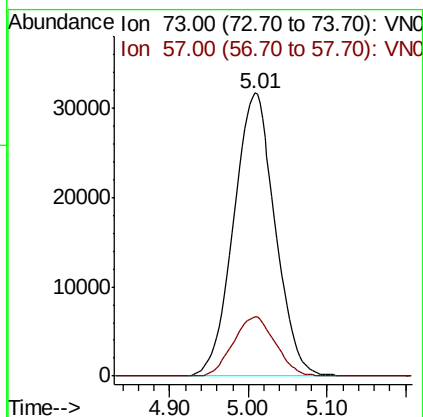
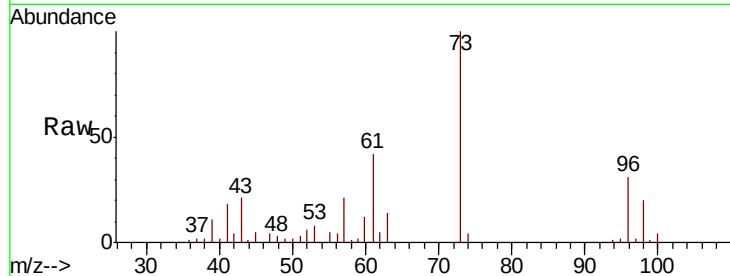




#19
Methyl tert-butyl Ether
Concen: 20.486 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

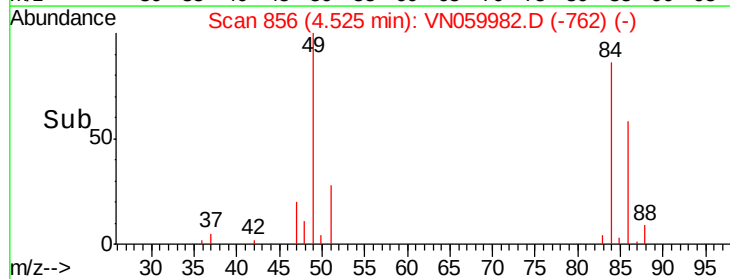
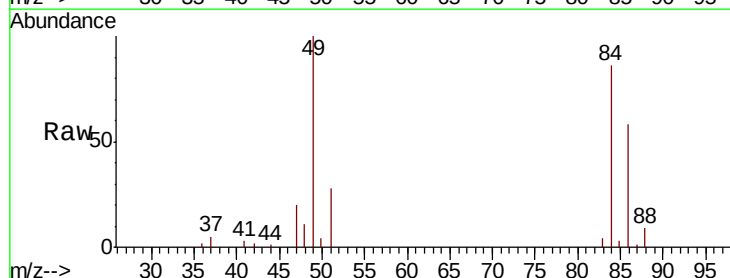
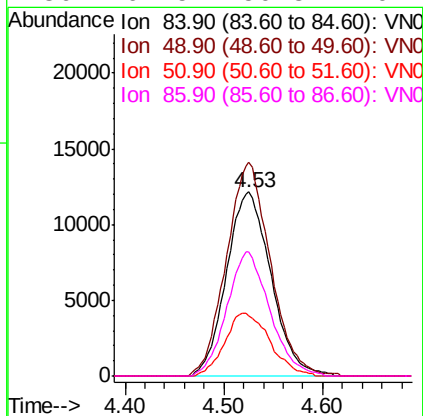
Instrument :
MSVOA_N
ClientSampleId :

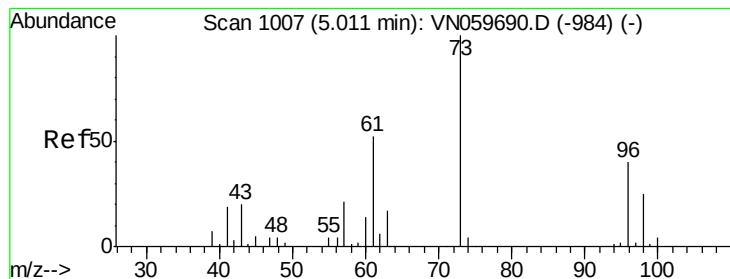
Tot Ion: 73 Resp: 116766
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 19.085 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 84 Resp: 38177
Ion Ratio Lower Upper
84 100
49 116.2 106.6 160.0
51 32.8 31.9 47.9
86 67.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.044 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

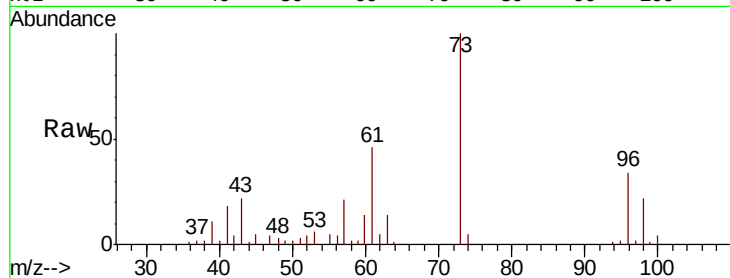
Tot Ion: 96 Resp: 33531

Ion Ratio Lower Upper

96 100

61 137.4 120.4 180.6

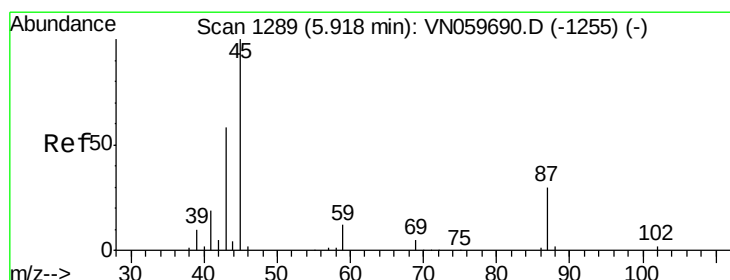
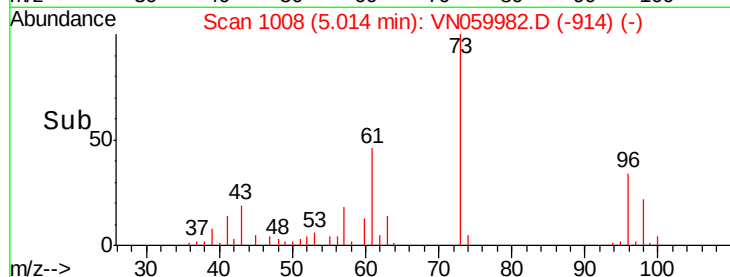
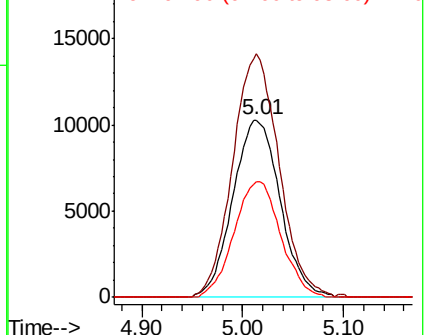
98 65.1 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.171 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Tgt Ion: 45 Resp: 107714

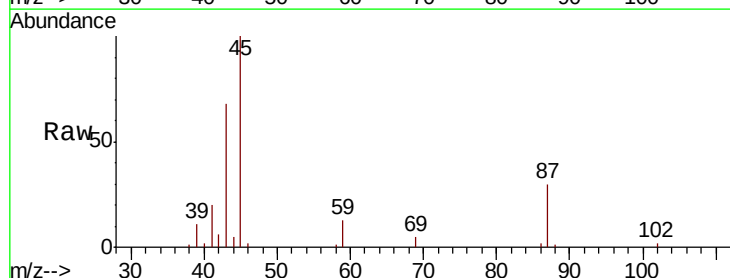
Ion Ratio Lower Upper

45 100

43 66.3 50.8 76.2

87 29.5 21.0 31.6

59 13.3 9.1 13.7

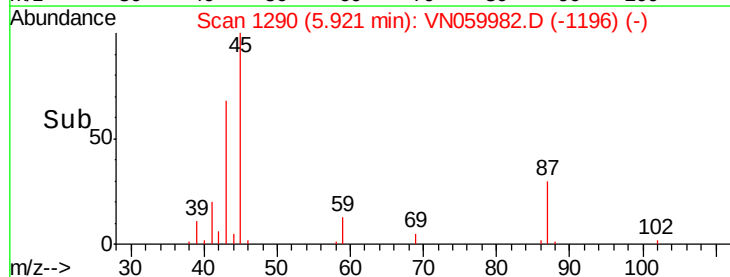
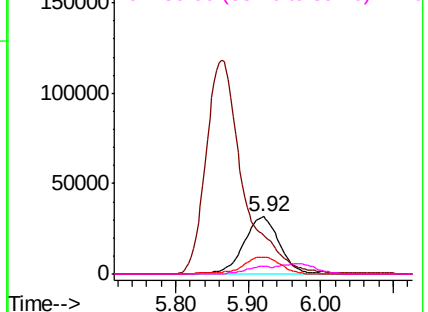


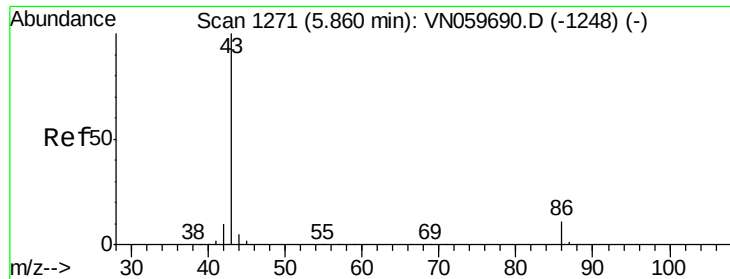
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 101.441 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

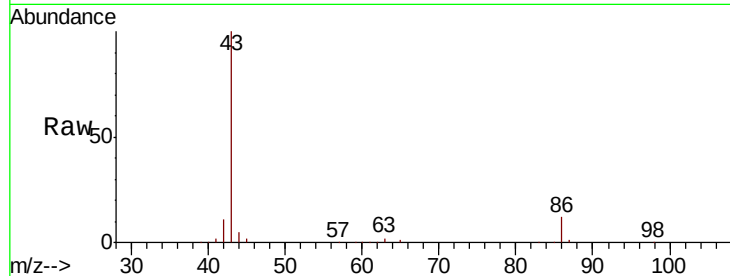
ClientSampled :

Tot Ion: 43 Resp: 419399

Ion Ratio Lower Upper

43 100

86 11.6 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059982.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059982.D (-1178) (-)

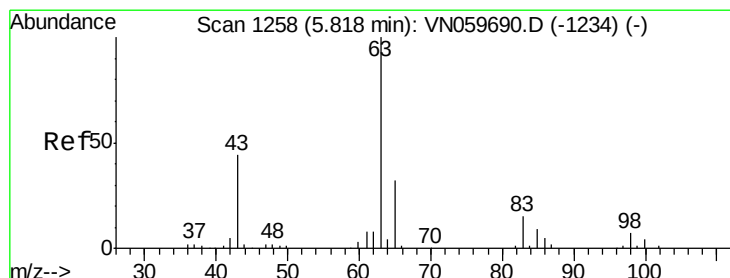
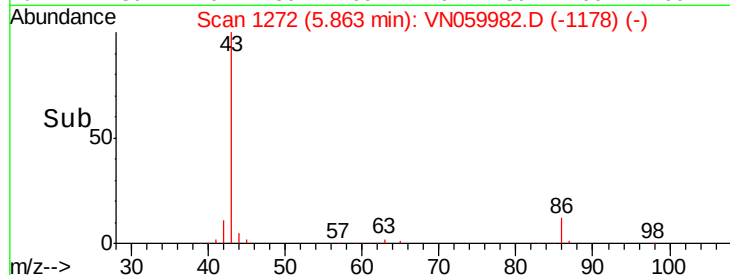
5.86

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.675 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

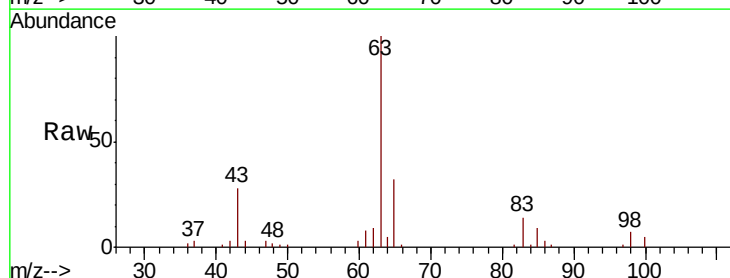
Tgt Ion: 63 Resp: 64197

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.7

100 5.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059982.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059982.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059982.D (-1165) (-)

5.82

25000

20000

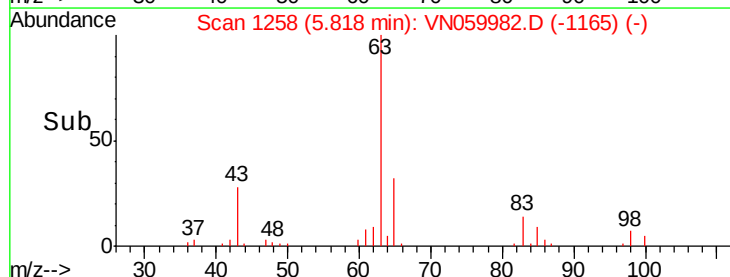
15000

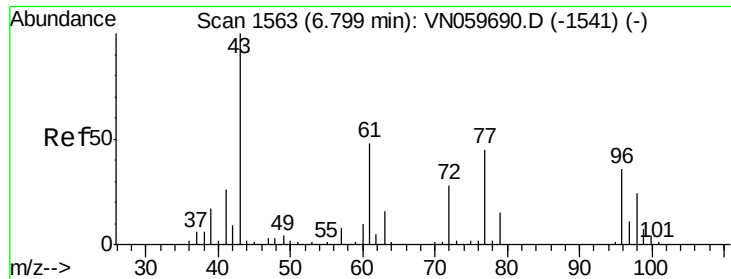
10000

5000

0

Time-->

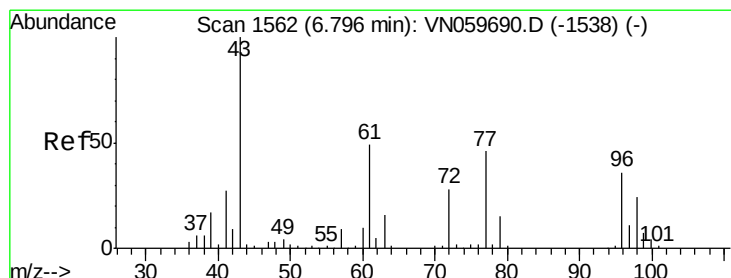
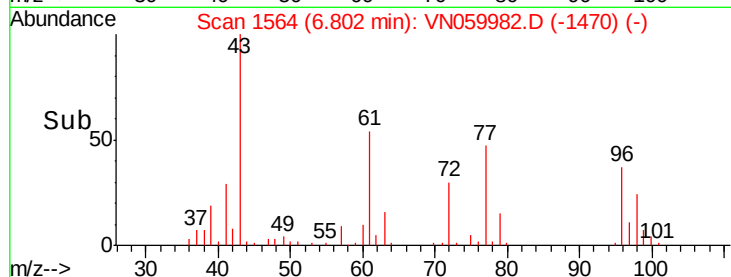
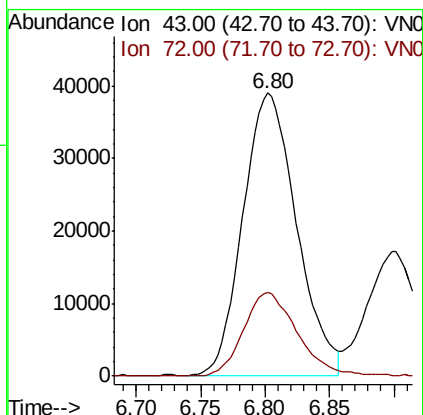
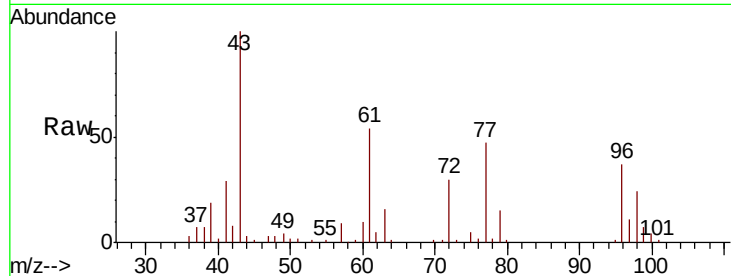




#25
2-Butanone
Concen: 94.352 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

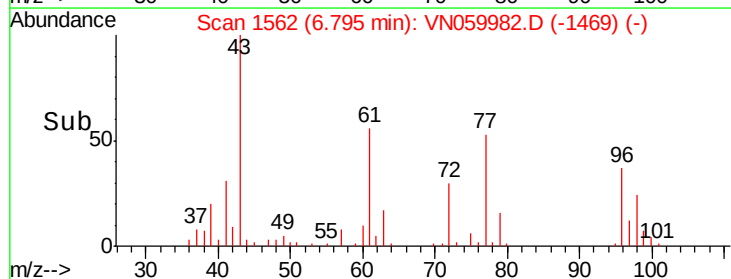
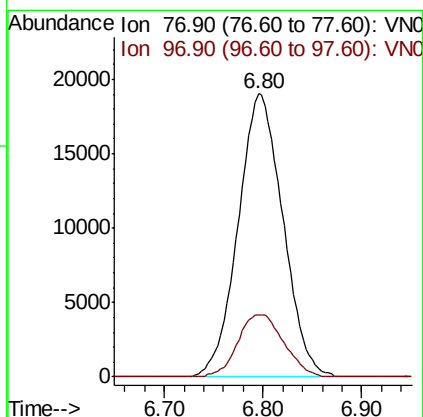
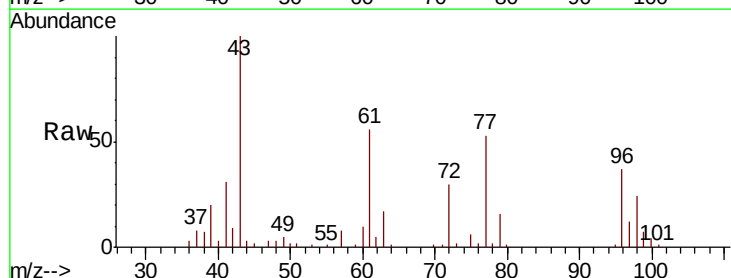
Instrument :
MSVOA_N
ClientSampled :

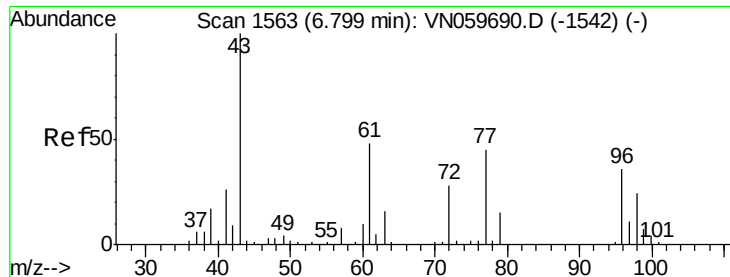
Tot Ion: 43 Resp: 113381
Ion Ratio Lower Upper
43 100
72 29.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.023 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 77 Resp: 59673
Ion Ratio Lower Upper
77 100
97 22.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.880 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

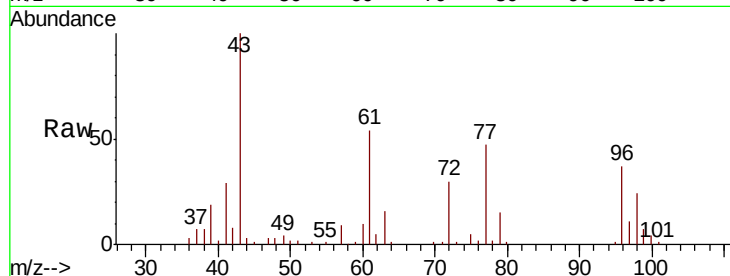
Tot Ion: 96 Resp: 42491

Ion Ratio Lower Upper

96 100

61 141.1 0.0 317.6

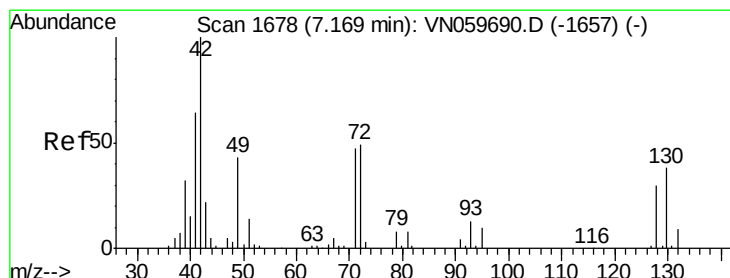
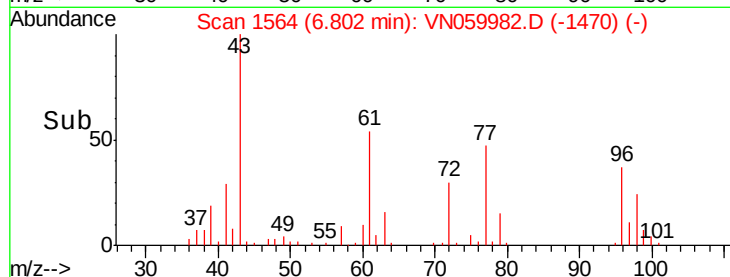
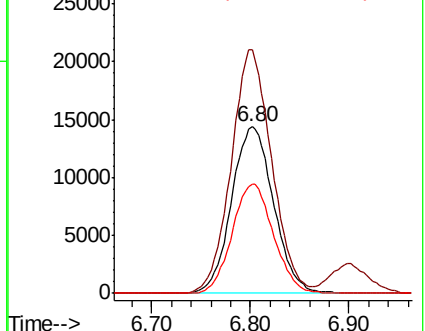
98 64.5 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059690.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN059690.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN059690.D (-1542) (-)



#28

Bromochloromethane

Concen: 19.725 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

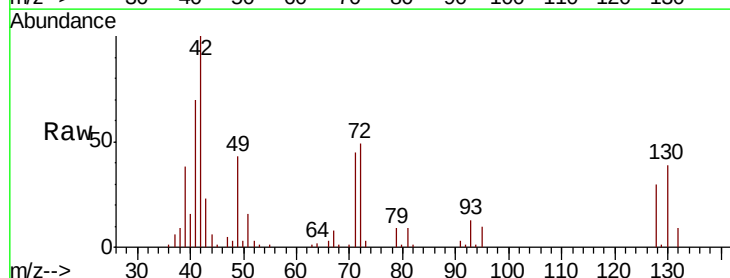
Tgt Ion: 49 Resp: 25723

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.4

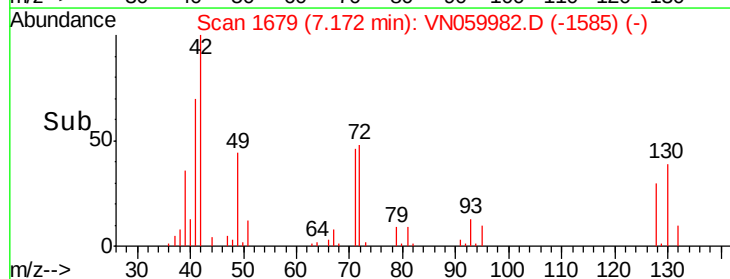
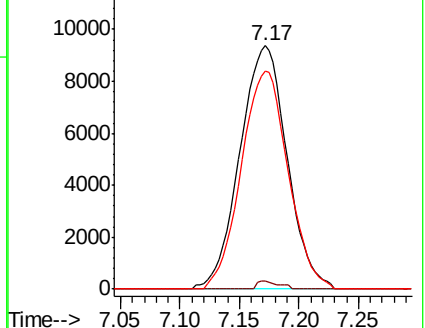
130 88.9 54.7 82.1#

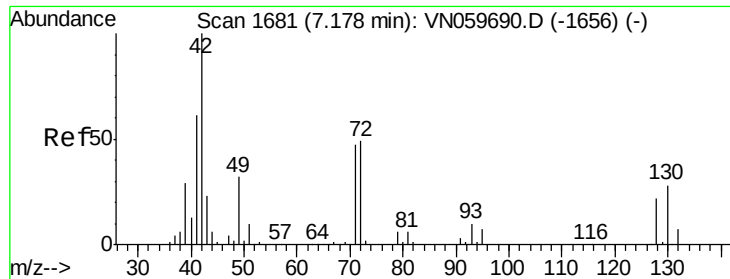


Abundance Ion 48.90 (48.60 to 49.60): VN059690.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN059690.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN059690.D (-1657) (-)

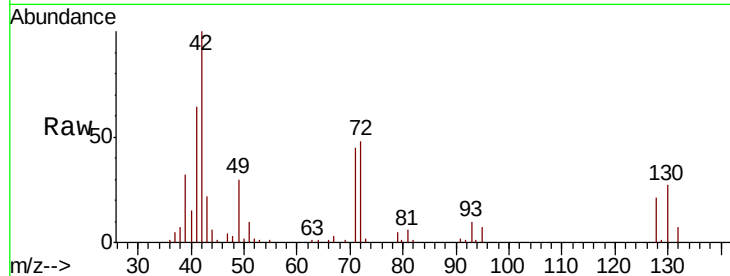




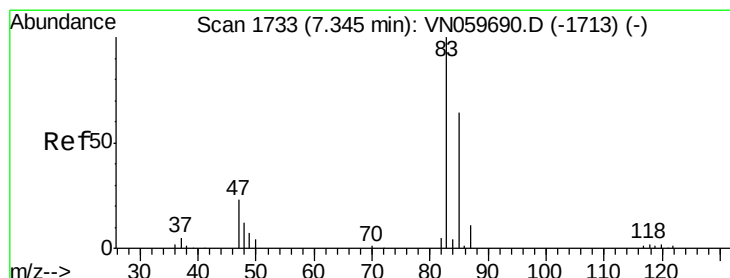
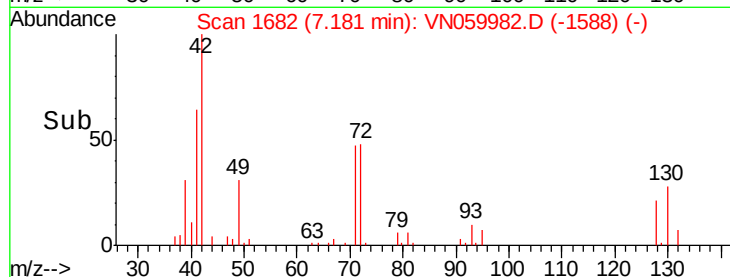
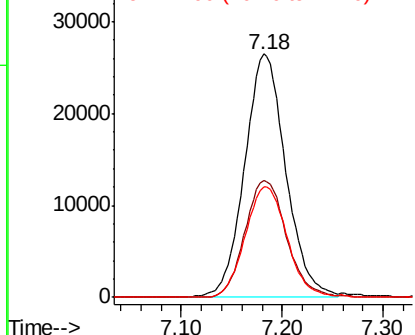
#29
Tetrahydrofuran
Concen: 100.921 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 75035
Ion Ratio Lower Upper
42 100
72 48.5 33.1 49.7
71 45.9 31.4 47.0

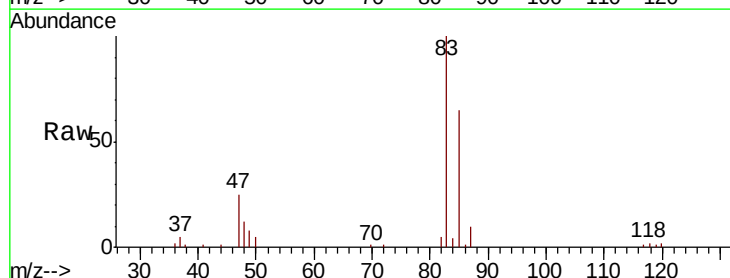


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

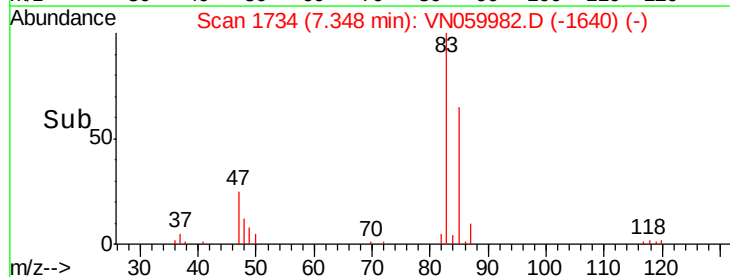
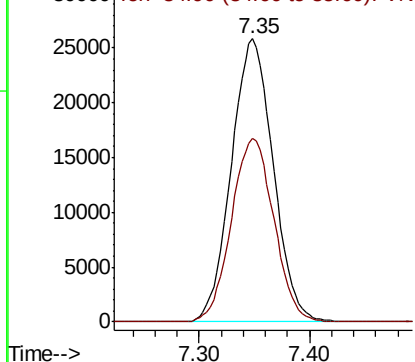


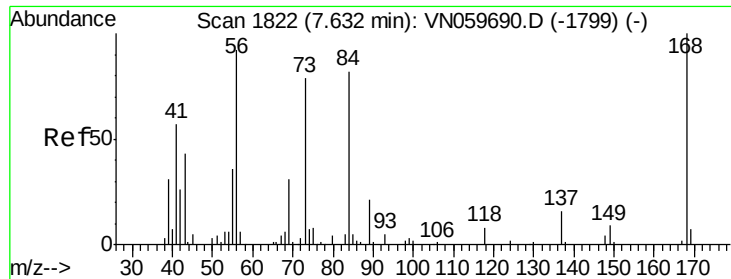
#30
Chloroform
Concen: 20.091 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 83 Resp: 67922
Ion Ratio Lower Upper
83 100
85 64.7 52.4 78.6



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

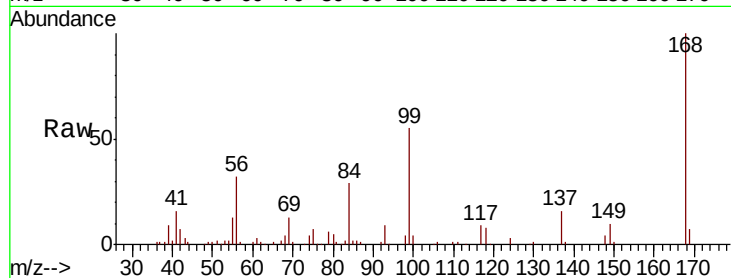




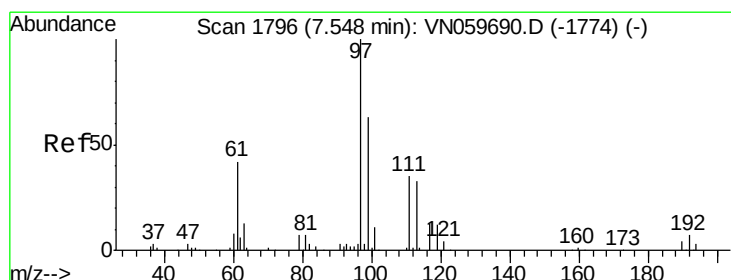
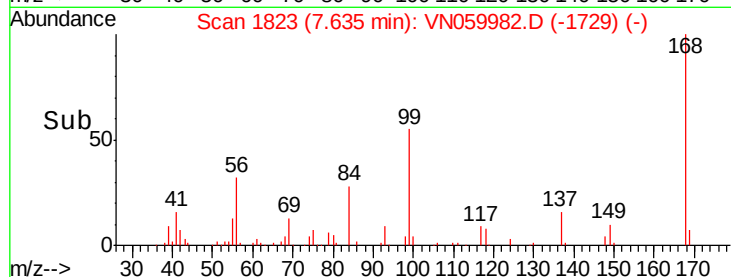
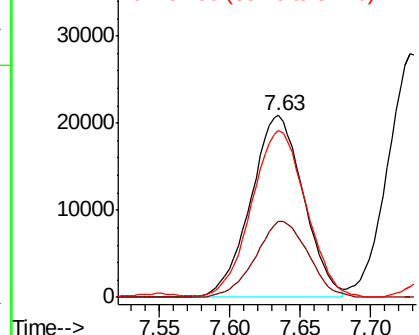
#31
Cyclohexane
Concen: 17.378 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 54560
Ion Ratio Lower Upper
56 100
69 41.5 26.5 39.7#
84 90.9 65.3 97.9

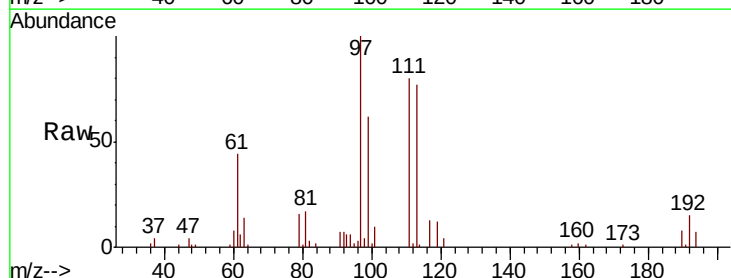


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

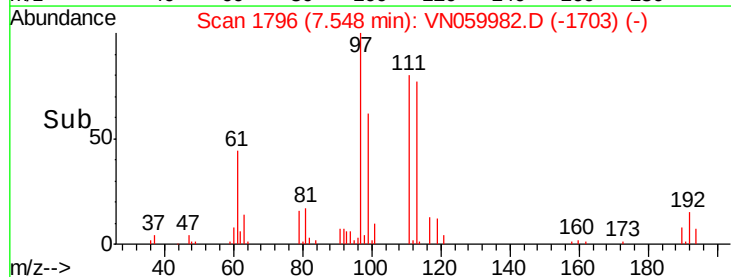
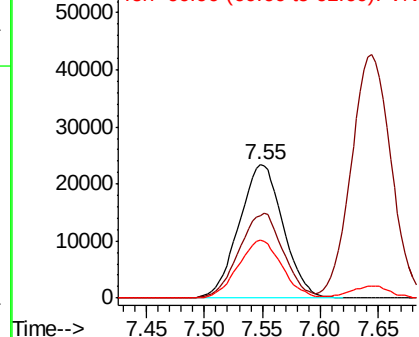


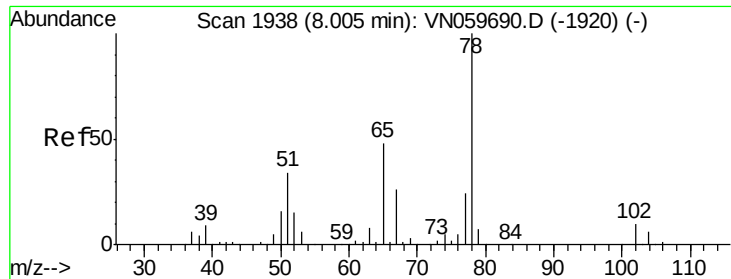
#32
1,1,1-Trichloroethane
Concen: 19.820 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 97 Resp: 61953
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 42.9 38.5 57.7



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

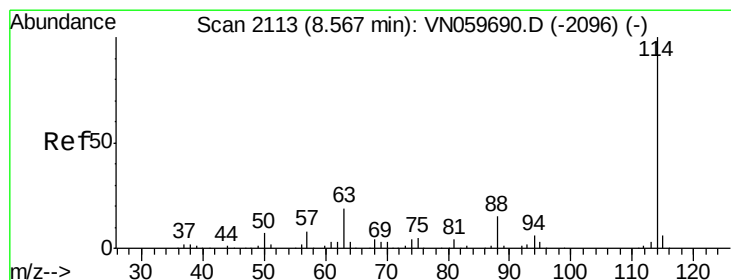
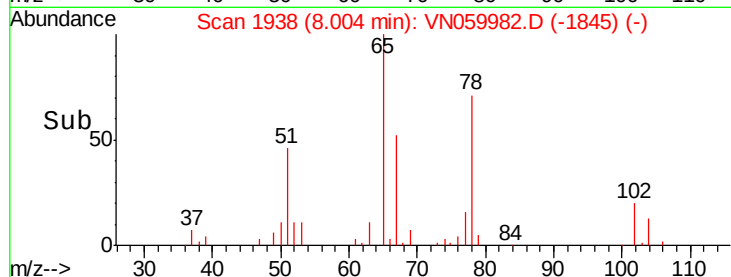
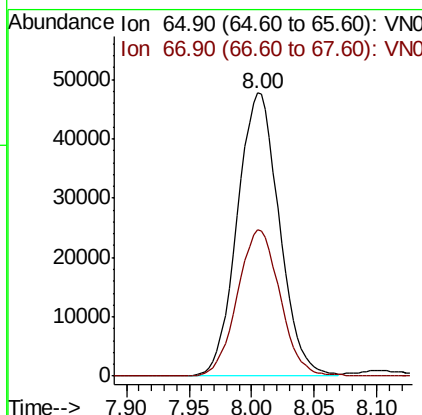
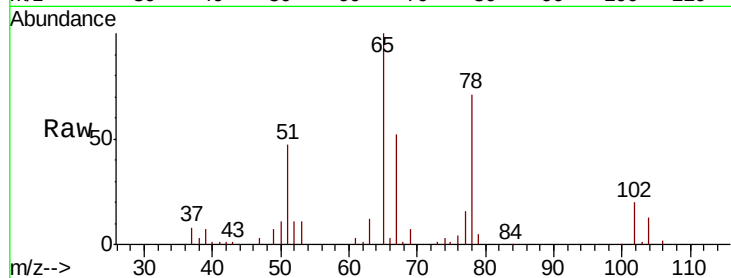




#33
 1,2-Dichloroethane-d4
 Concen: 52.495 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

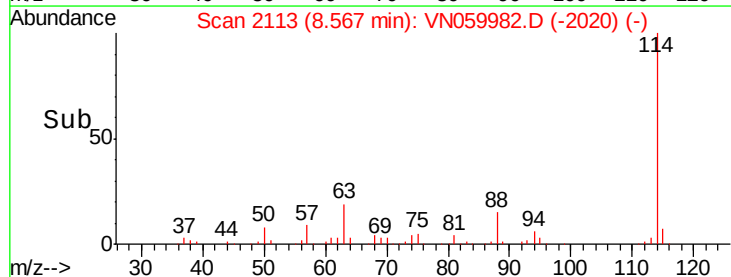
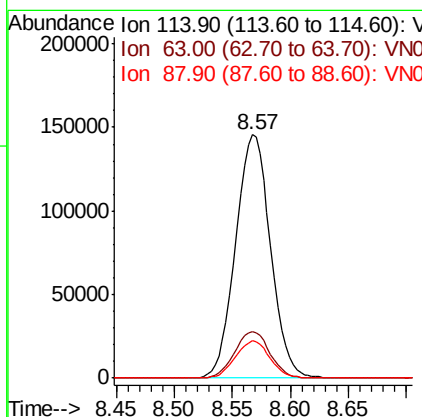
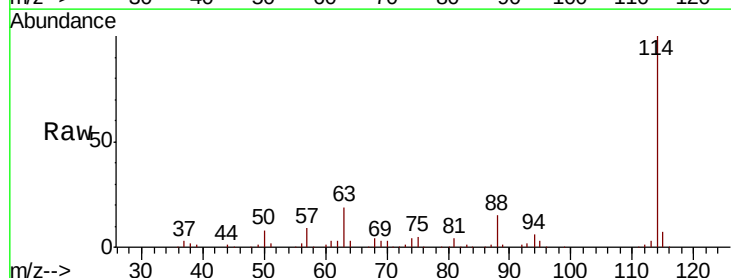
Instrument :
 MSVOA_N
 ClientSampleId :

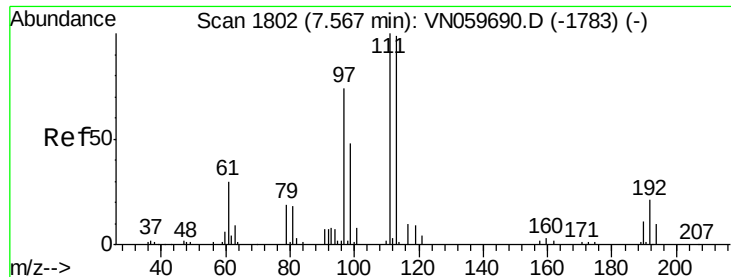
Tot Ion: 65 Resp: 111395
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion: 114 Resp: 304082
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.2 0.0 31.4

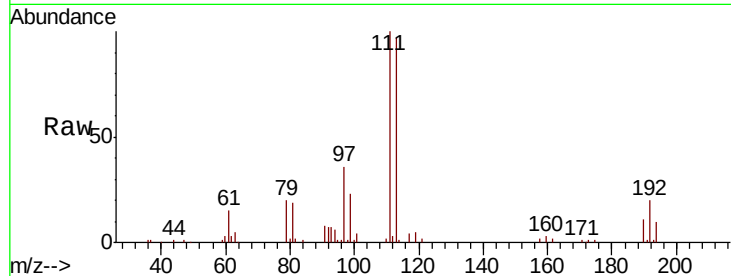




#35
 Dibromofluoromethane
 Concen: 51.239 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.5	125.3
192	20.8	15.4	23.2

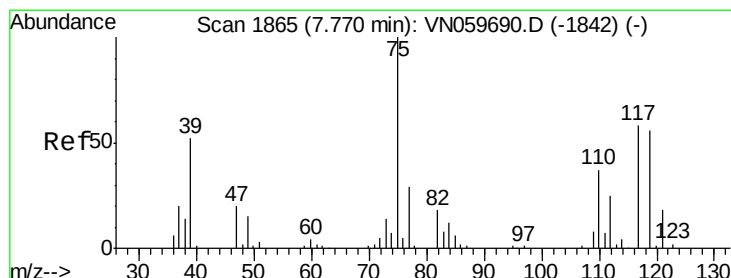
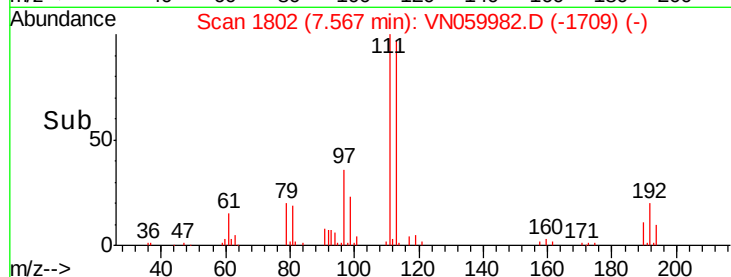
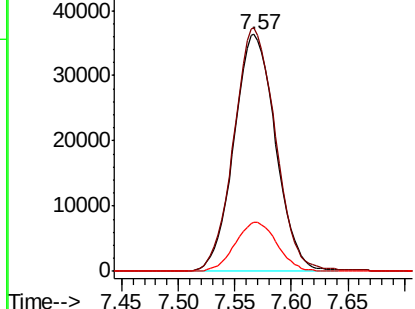


Abundance

Ion 112.80 (112.50 to 113.50): V

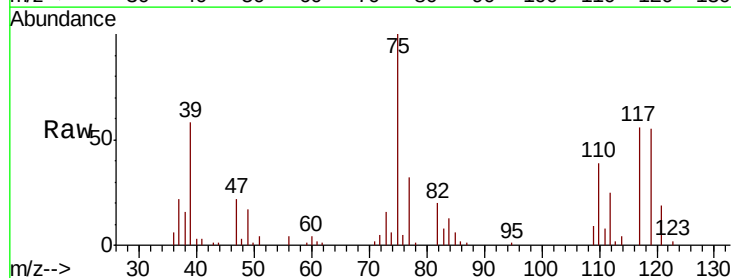
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.048 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	16.6	49.7
77	31.5	25.1	37.7

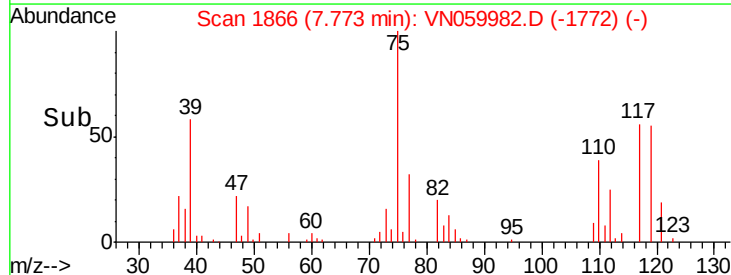
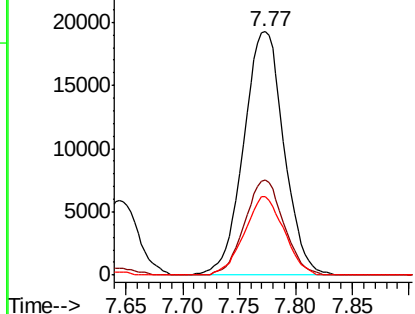


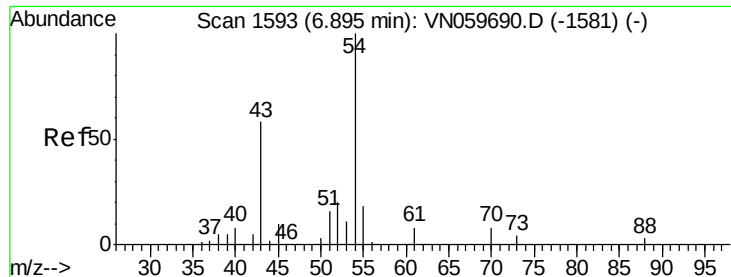
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

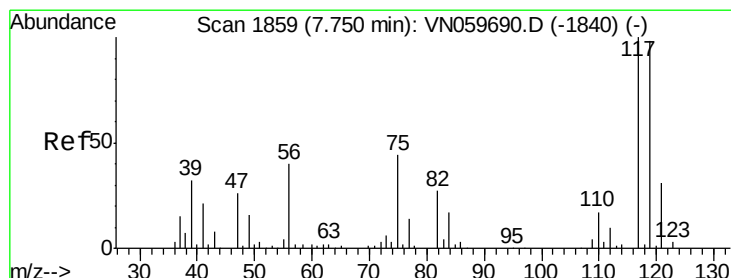
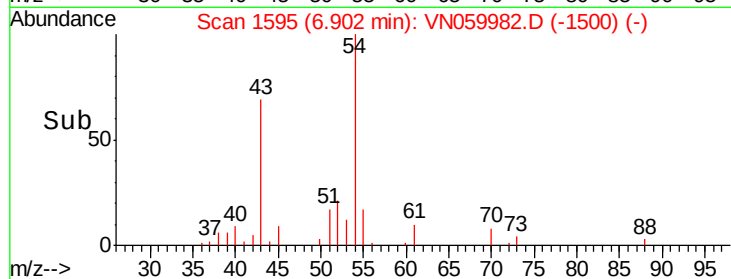
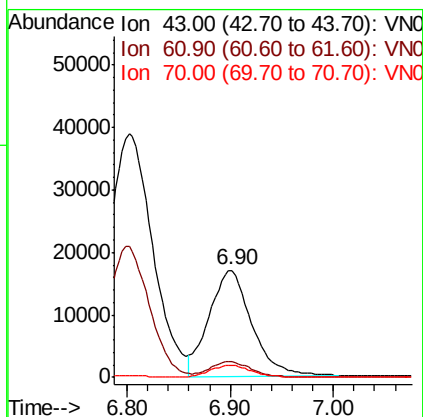
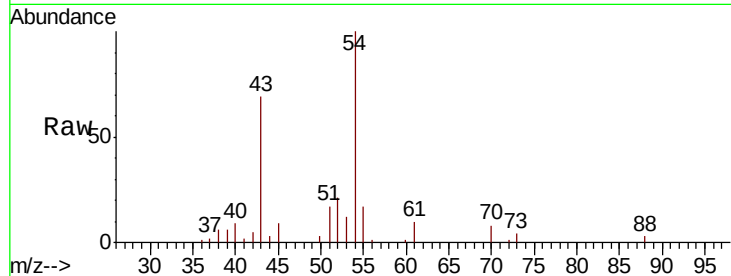




#37
Ethyl Acetate
Concen: 19.525 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.01 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

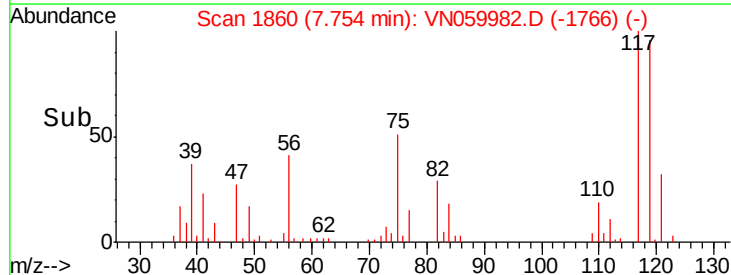
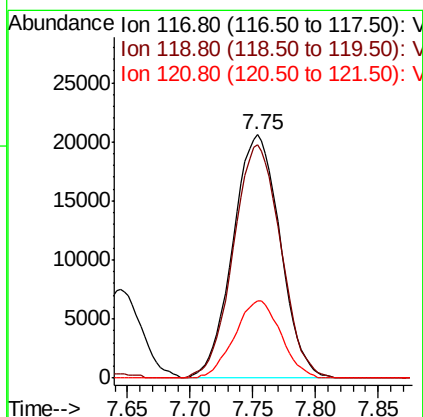
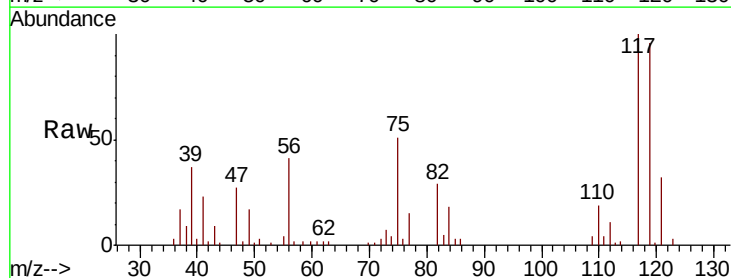
Instrument :
MSVOA_N
ClientSampled :

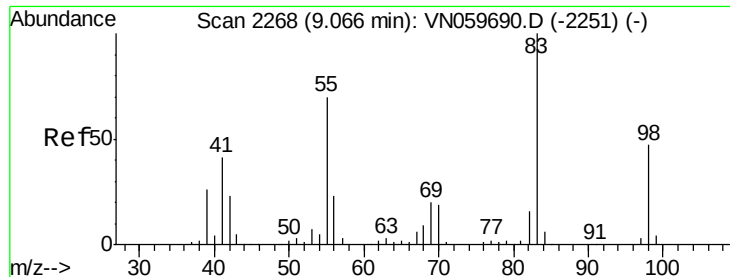
Tot Ion: 43 Resp: 48492
Ion Ratio Lower Upper
43 100
61 14.3 10.9 16.3
70 11.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.733 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 117 Resp: 53961
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
121 31.7 25.1 37.7

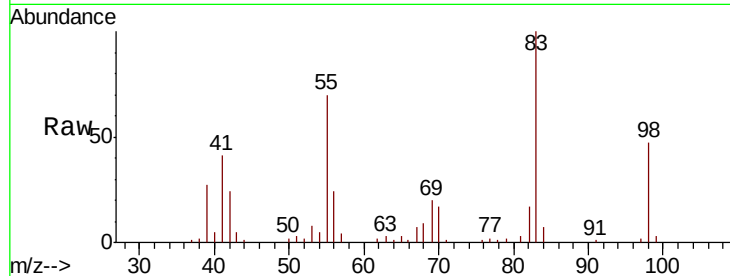




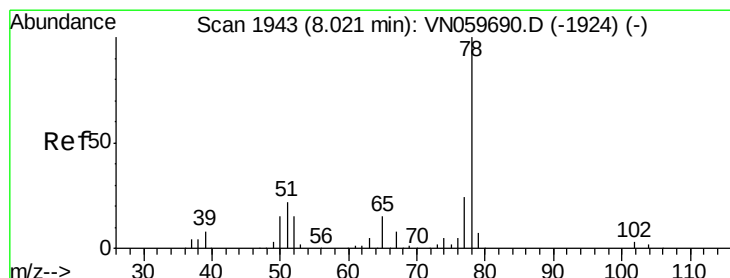
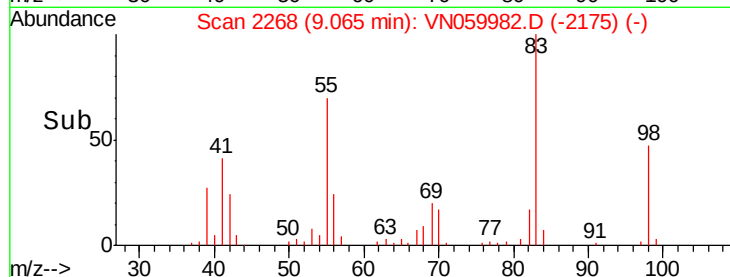
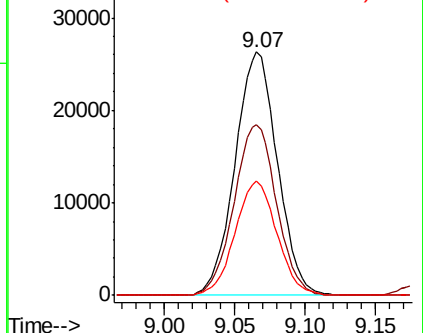
#39
Methylvlcyclohexane
Concen: 16.958 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 55369
Ion Ratio Lower Upper
83 100
55 70.1 64.2 96.2
98 46.7 35.9 53.9

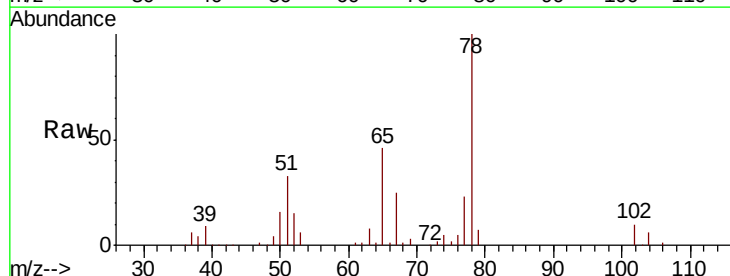


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

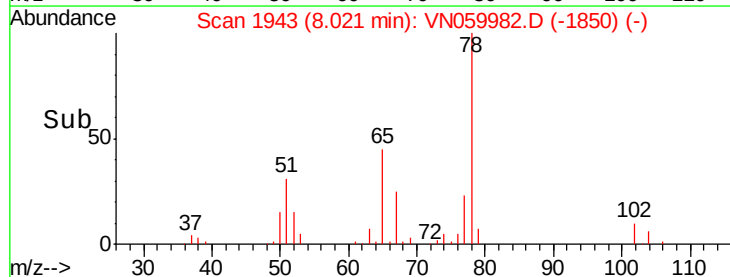
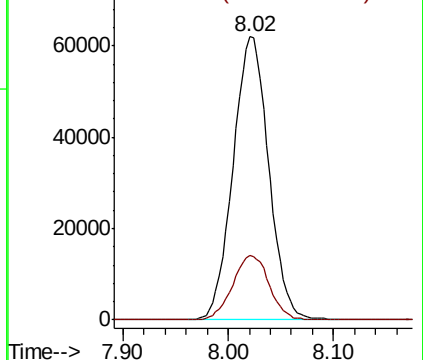


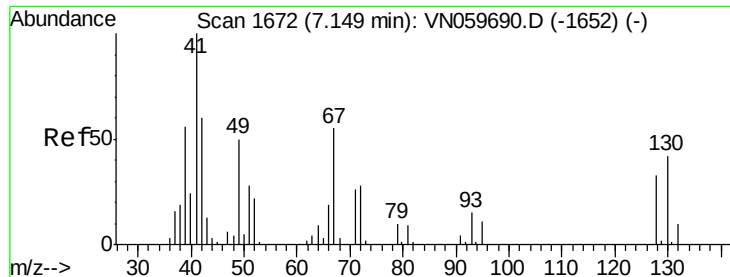
#40
Benzene
Concen: 18.380 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 78 Resp: 145159
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3



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

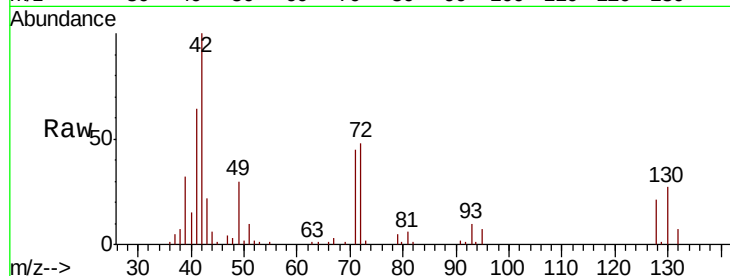




#41
Methacrylonitrile
Concen: 57.222 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	70002
Ion	Ratio	Lower	Upper
41	100		
39	32.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



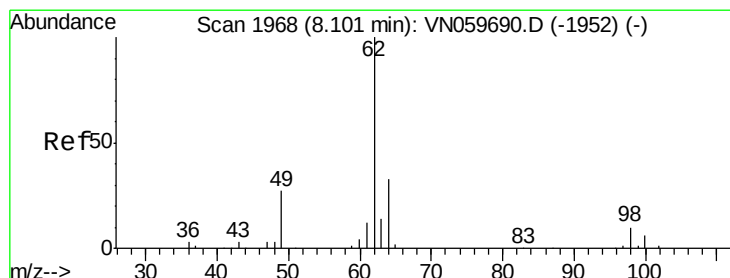
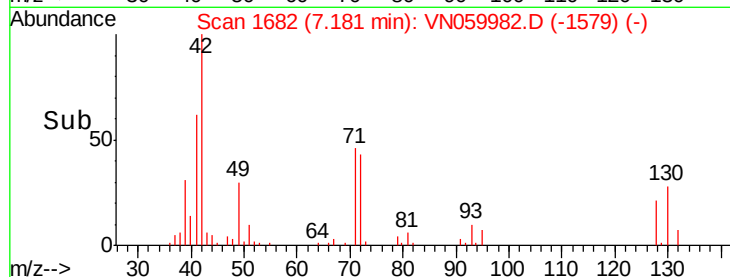
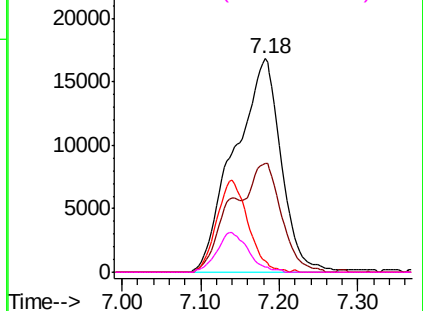
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

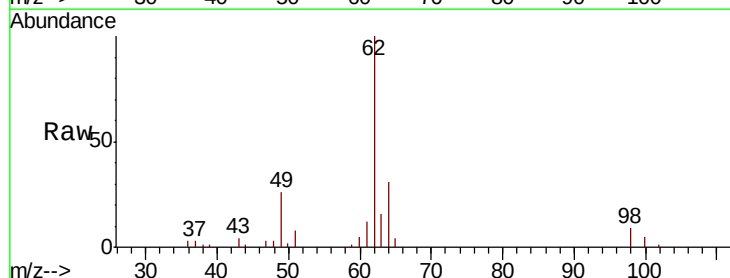
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 19.903 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

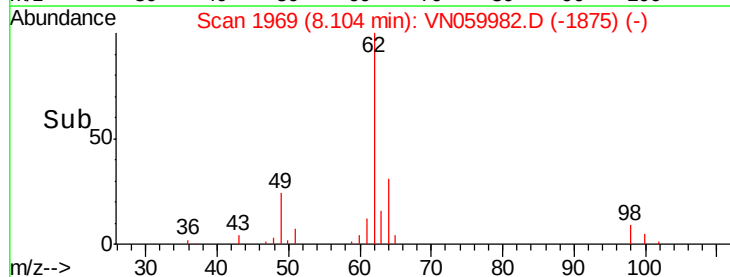
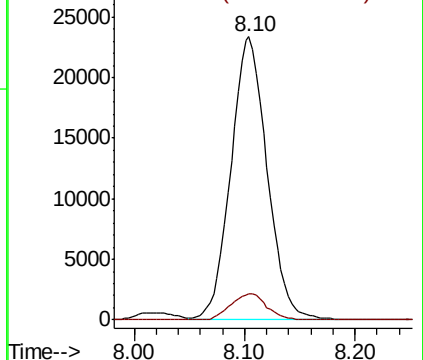
Tgt Ion:	62	Resp:	53294
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8

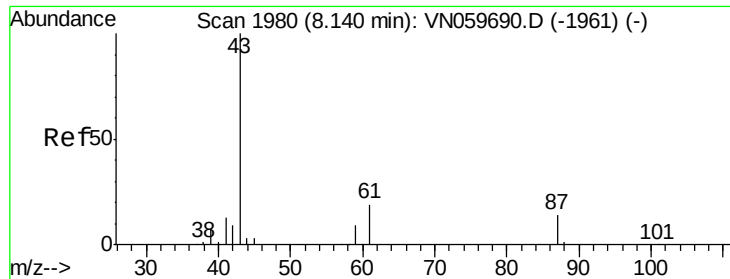


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.321 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

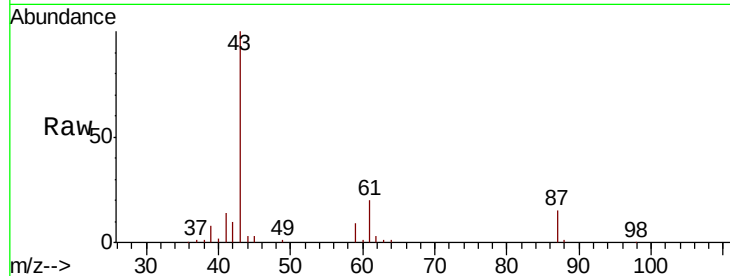
Tot Ion: 43 Resp: 82539

Ion Ratio Lower Upper

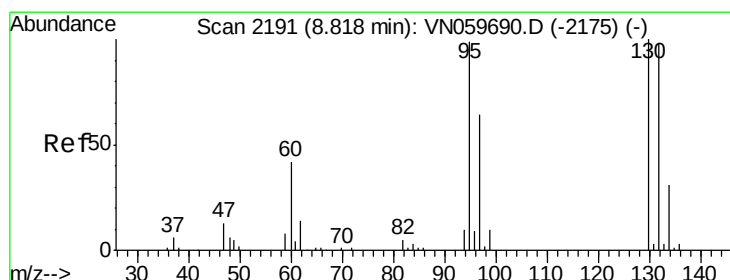
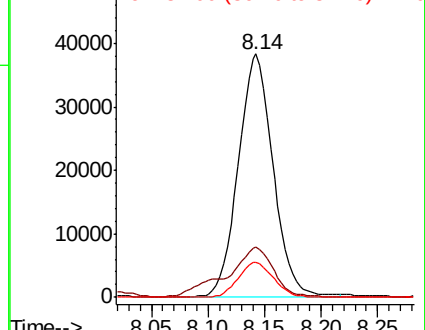
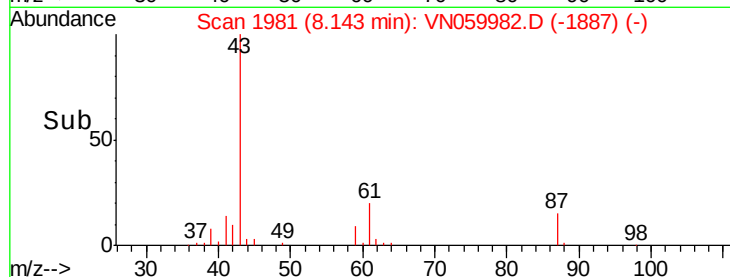
43 100

61 27.6 20.2 30.2

87 14.5 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059982.D (-1987) (-)



#44

Trichloroethene

Concen: 18.839 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059982.D

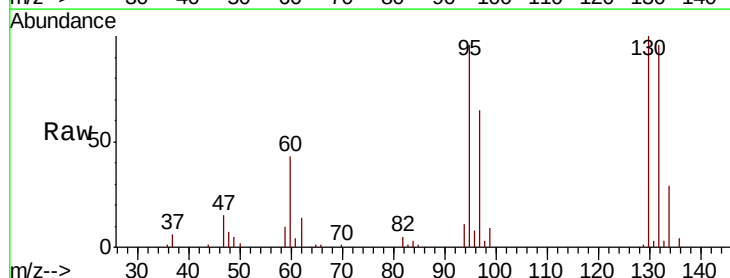
Acq: 3 Feb 2020 18:05

Tgt Ion:130 Resp: 40616

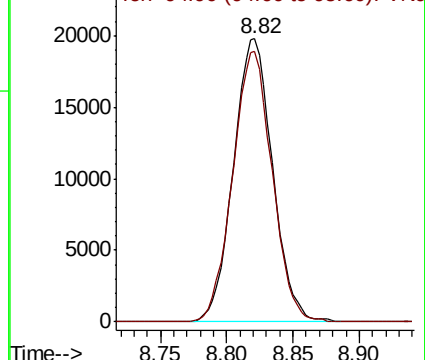
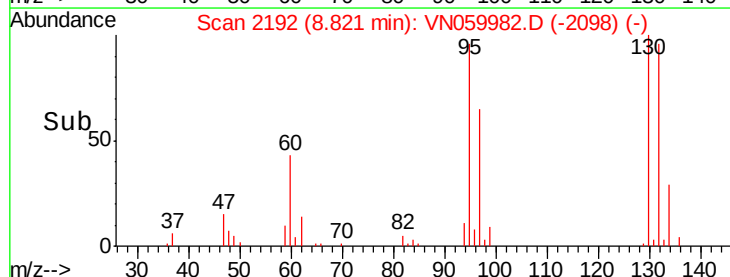
Ion Ratio Lower Upper

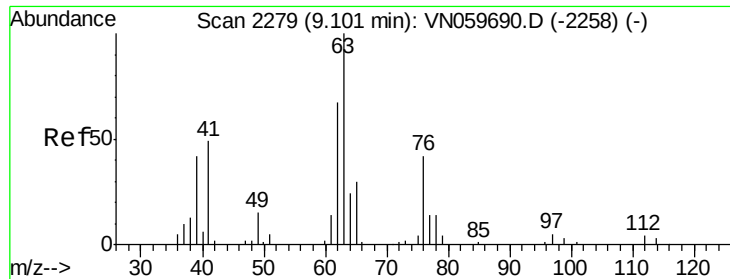
130 100

95 95.6 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059982.D (-2098) (-)

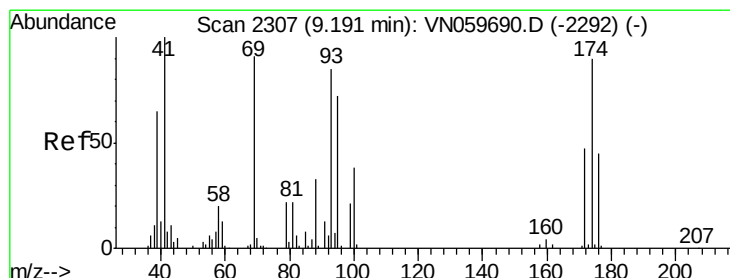
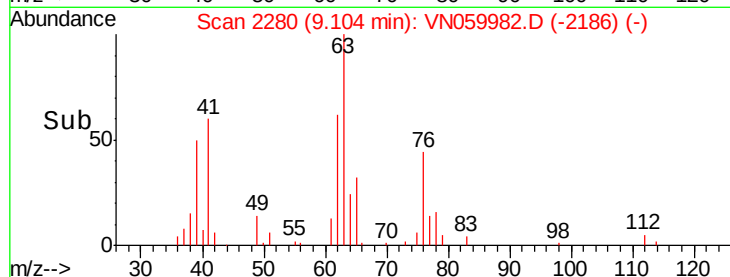
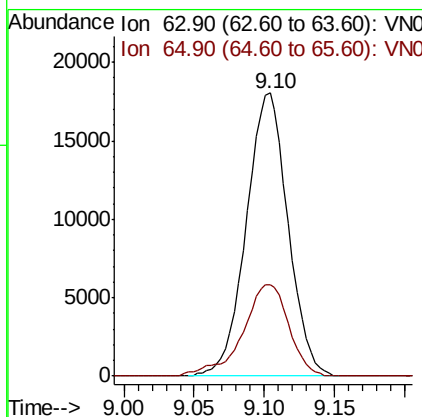
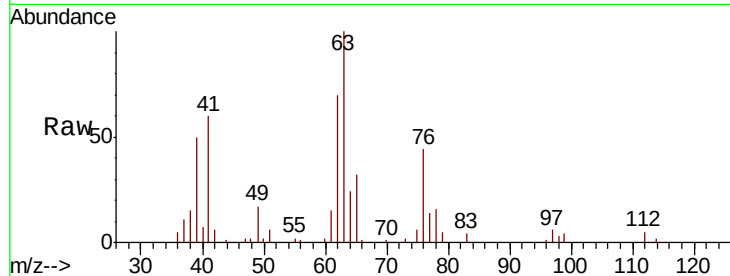




#45
 1,2-Dichloropropane
 Concen: 19.070 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

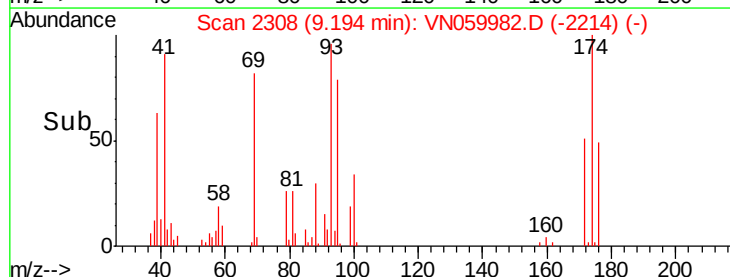
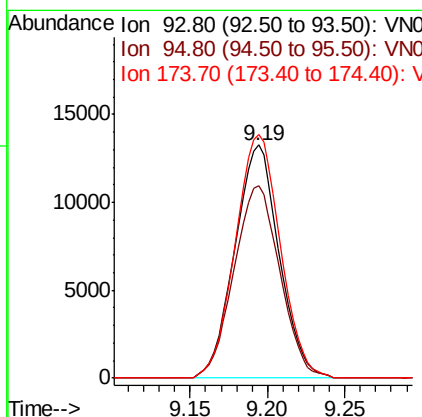
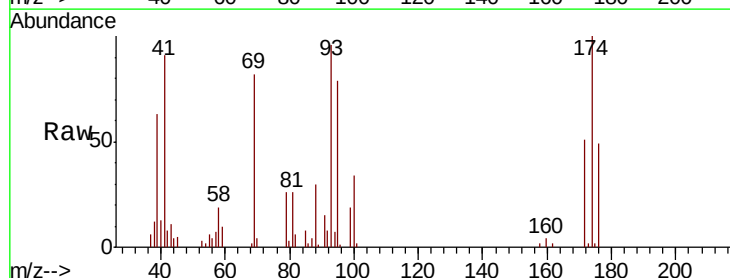
Instrument :
 MSVOA_N
 ClientSampled :

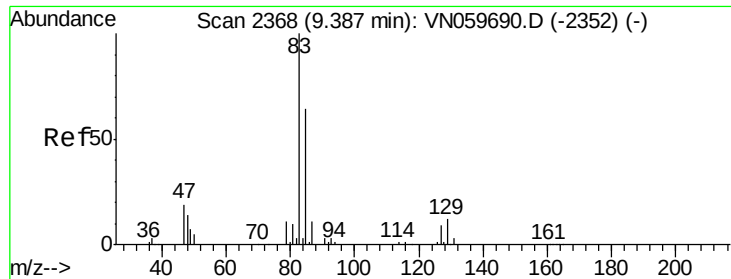
Tot Ion: 63 Resp: 37268
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.9 37.3



#46
 Dibromomethane
 Concen: 19.183 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion: 93 Resp: 26444
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.0 100.6
 174 106.1 73.4 110.2

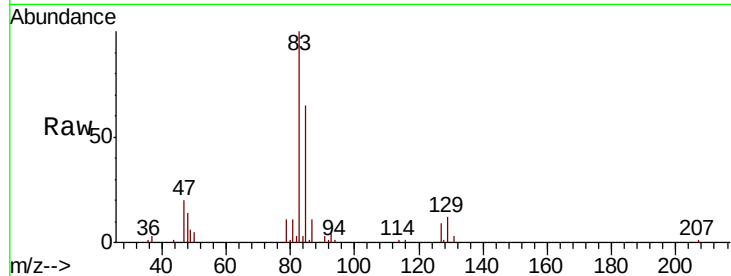




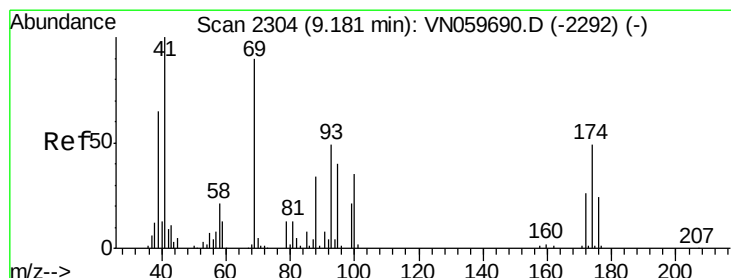
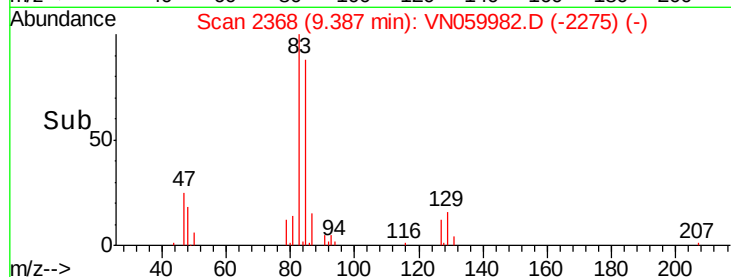
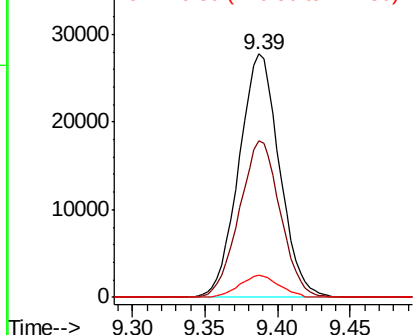
#47
Bromodichloromethane
Concen: 19.422 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 53954
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 9.0 6.6 9.8

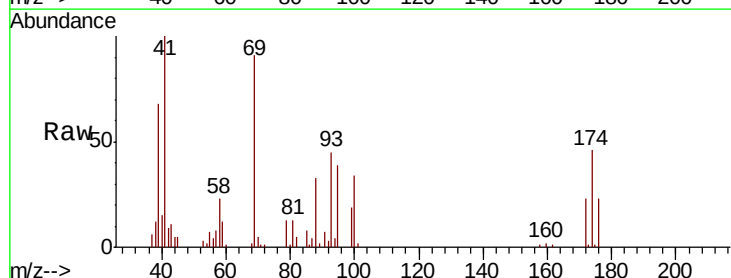


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

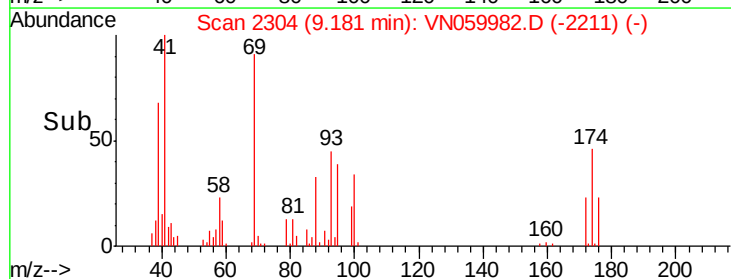
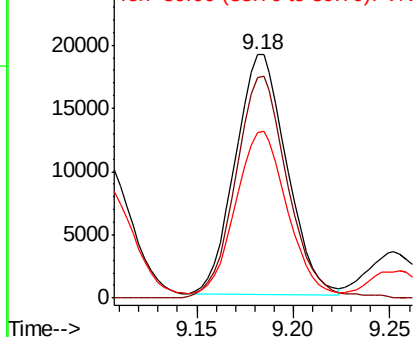


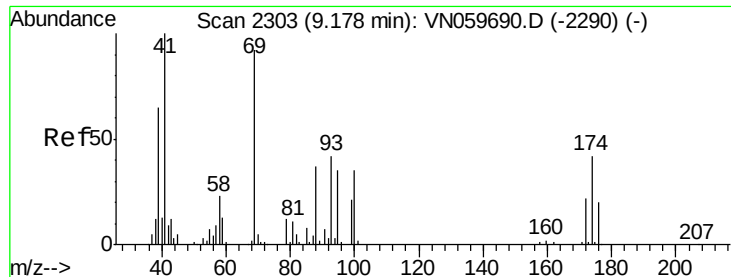
#48
Methyl methacrylate
Concen: 18.356 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 41 Resp: 35075
Ion Ratio Lower Upper
41 100
69 93.5 64.4 96.6
39 67.0 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

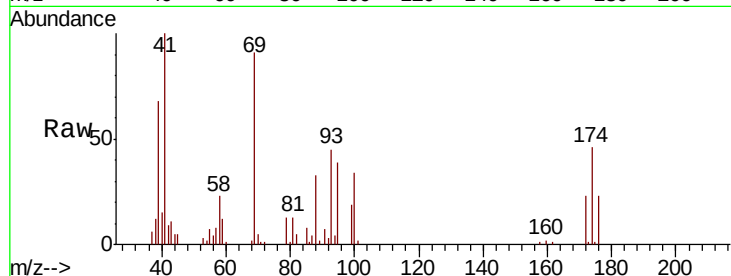




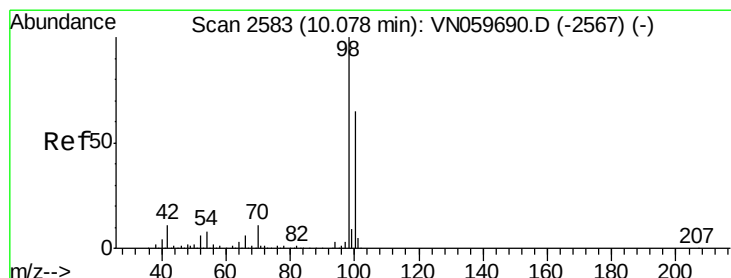
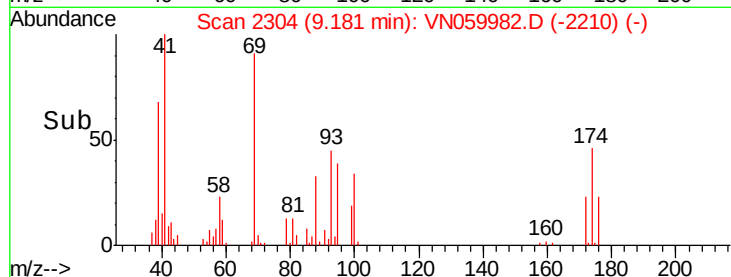
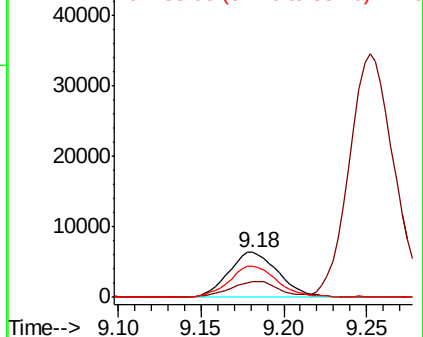
#49
1,4-Dioxane
Concen: 380.582 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 13313
Ion Ratio Lower Upper
88 100
43 34.7 29.7 44.5
58 67.5 56.6 85.0

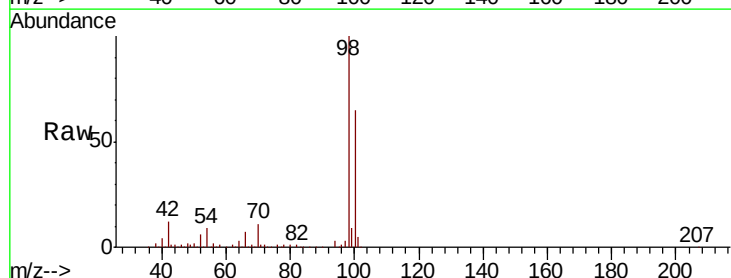


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

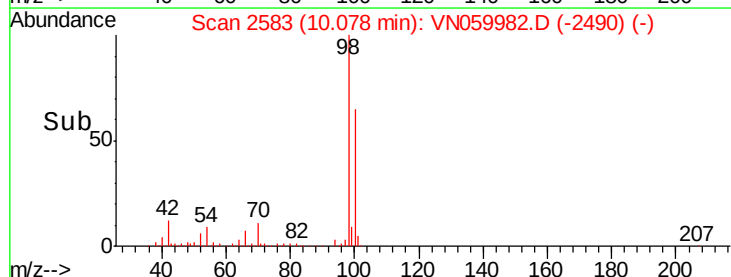
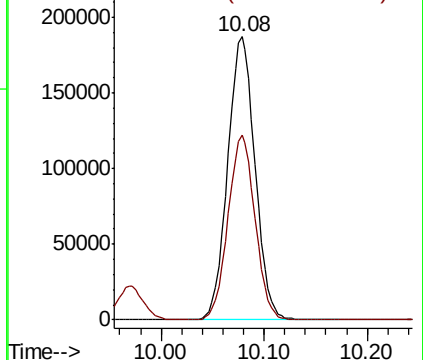


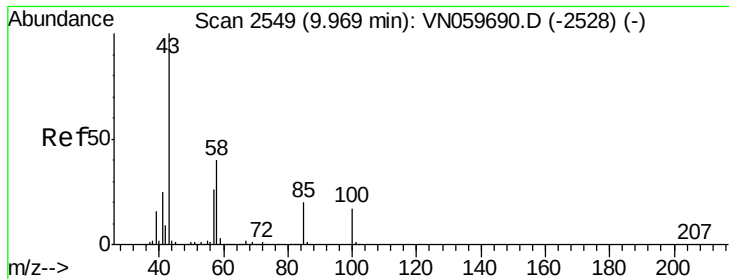
#50
Toluene-d8
Concen: 49.099 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 98 Resp: 344964
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



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

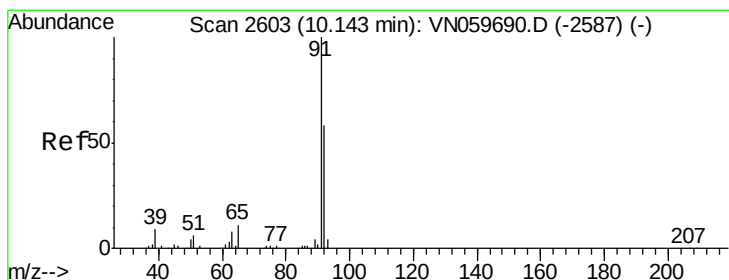
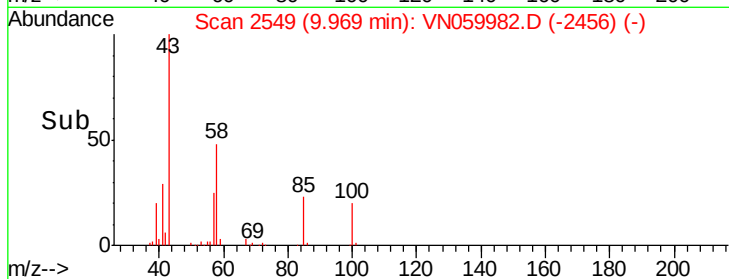
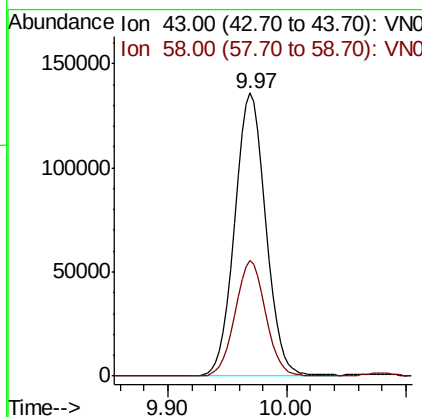
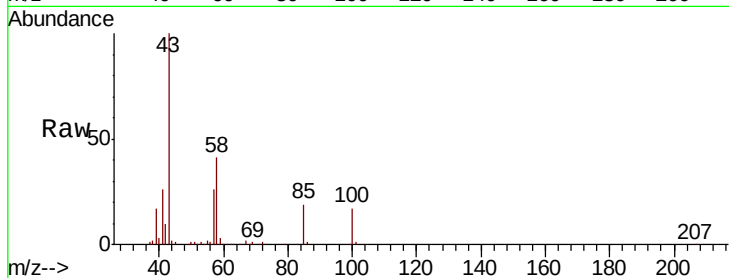




#51
4-Methyl-2-Pentanone
Concen: 99.719 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

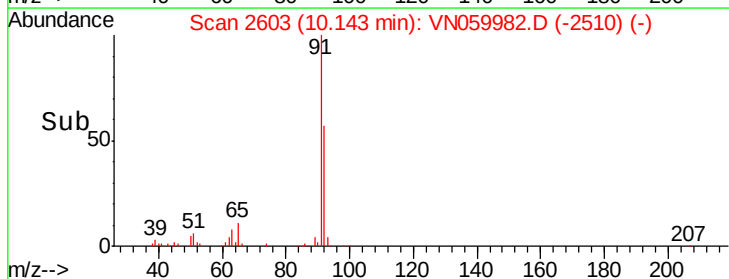
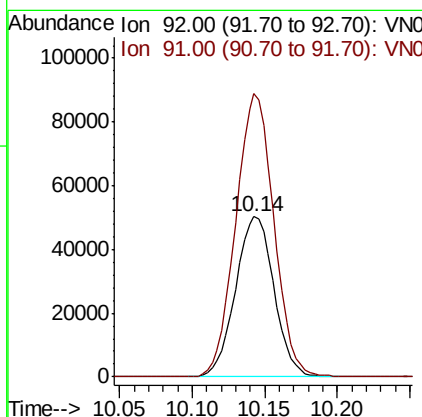
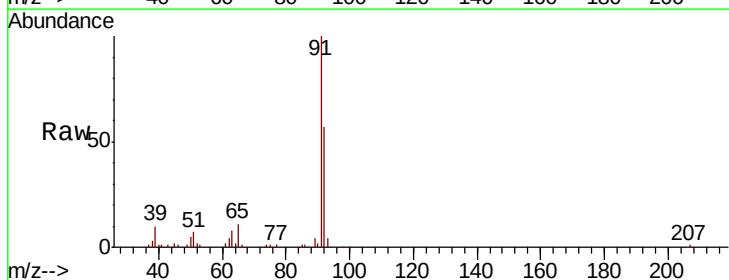
Instrument :
MSVOA_N
ClientSampled :

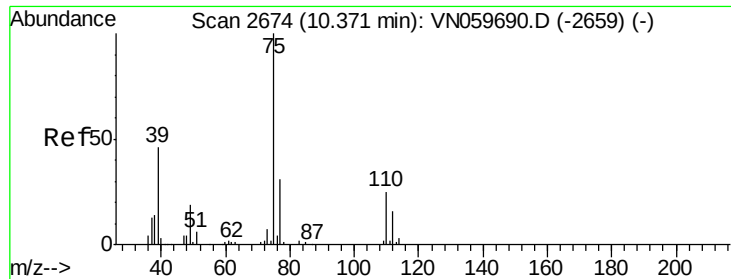
Tot Ion: 43 Resp: 246257
Ion Ratio Lower Upper
43 100
58 40.0 29.8 44.8



#52
Toluene
Concen: 18.597 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 92 Resp: 92769
Ion Ratio Lower Upper
92 100
91 175.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.498 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

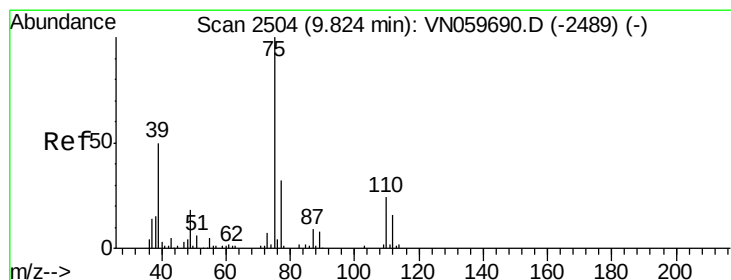
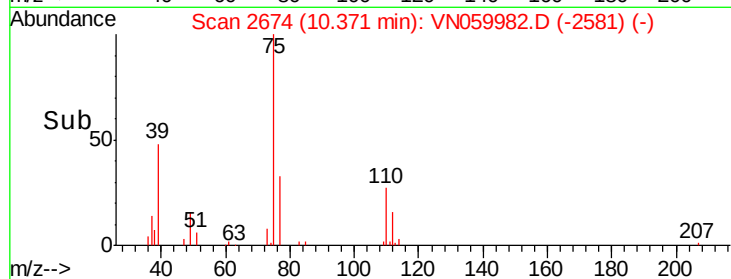
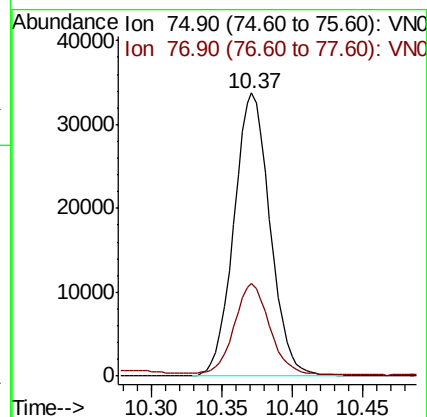
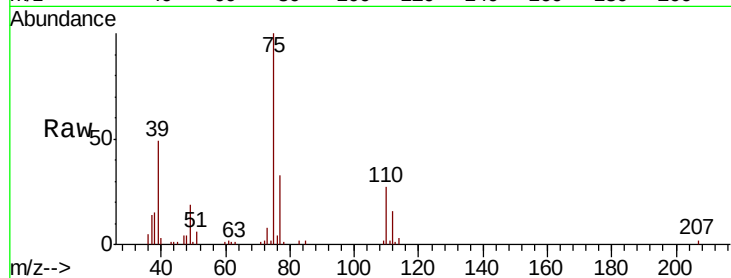
ClientSampled :

Tot Ion: 75 Resp: 60478

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.502 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

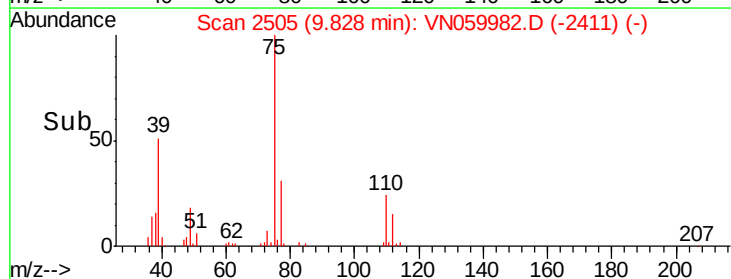
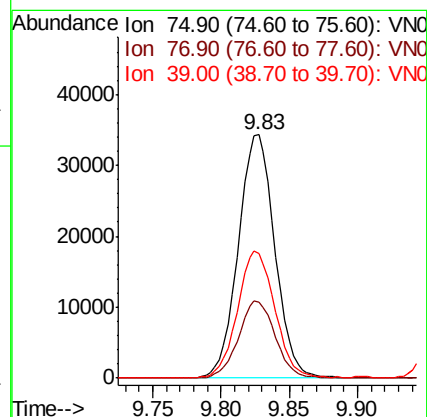
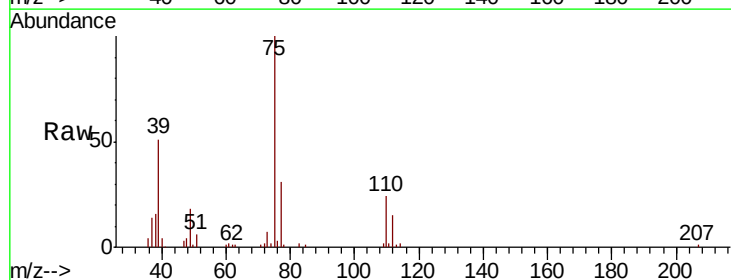
Tgt Ion: 75 Resp: 63650

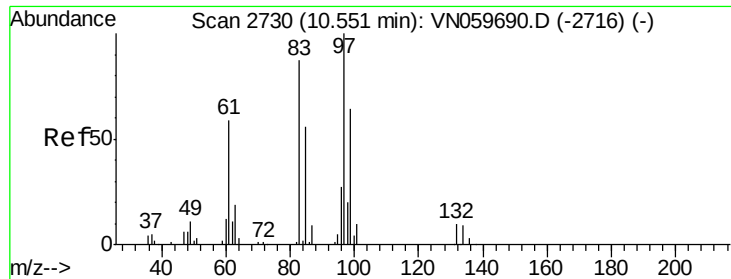
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 51.1 46.1 69.1

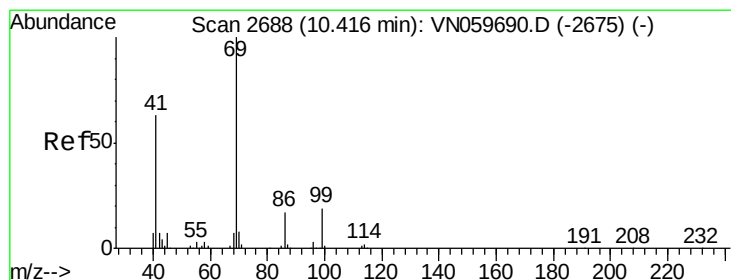
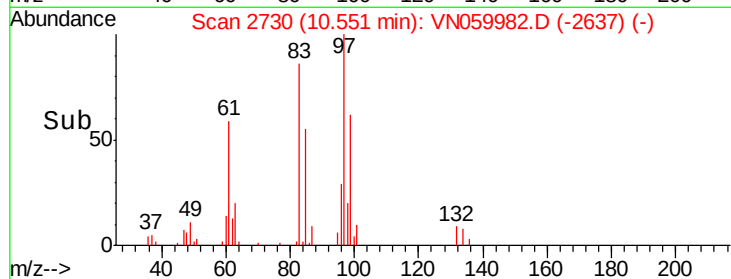
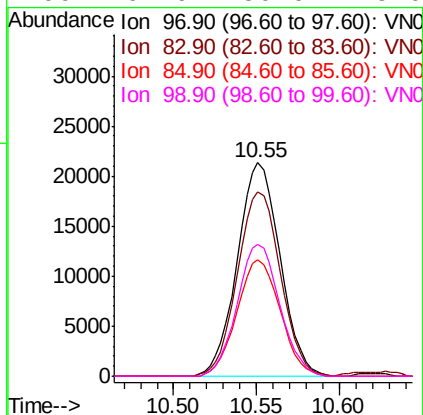
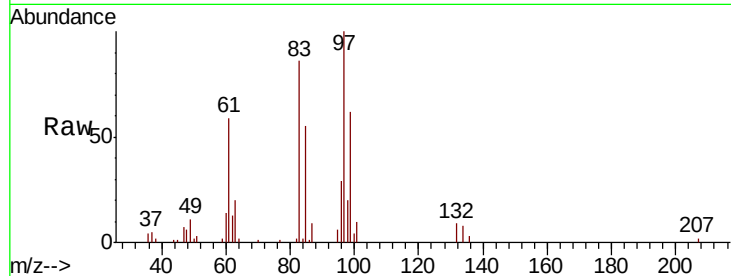




#55
 1,1,2-Trichloroethane
 Concen: 19.438 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

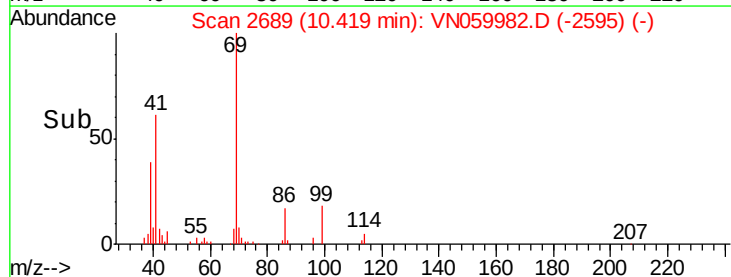
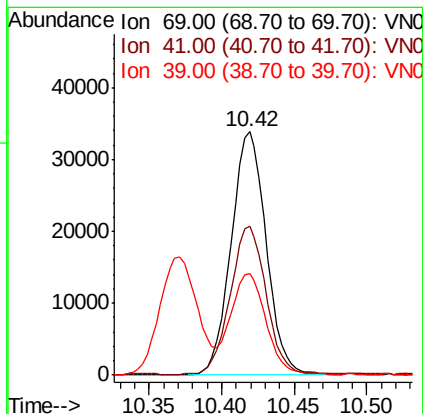
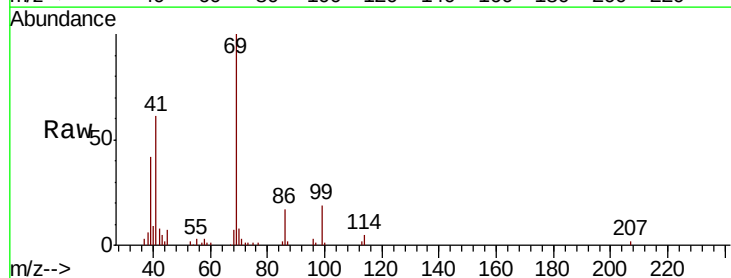
Instrument :
 MSVOA_N
 ClientSampled :

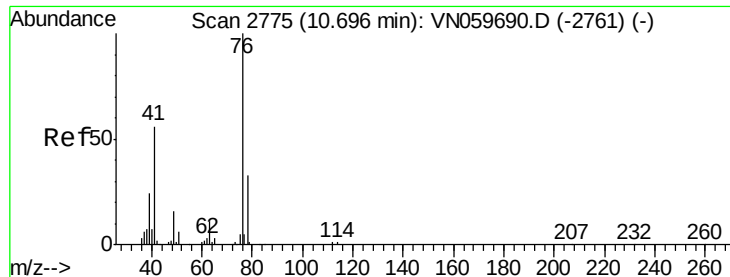
Tot Ion:	97	Resp:	38404
Ion	Ratio	Lower	Upper
97	100		
83	86.2	71.3	106.9
85	54.7	45.8	68.8
99	61.9	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.800 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion:	69	Resp:	56756
Ion	Ratio	Lower	Upper
69	100		
41	63.4	57.1	85.7
39	42.1	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.144 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

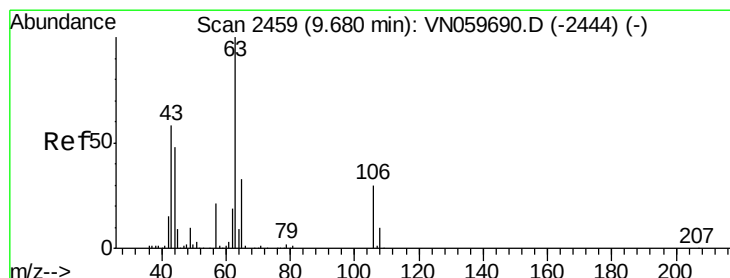
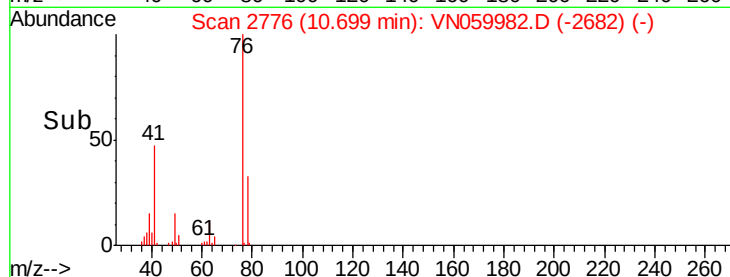
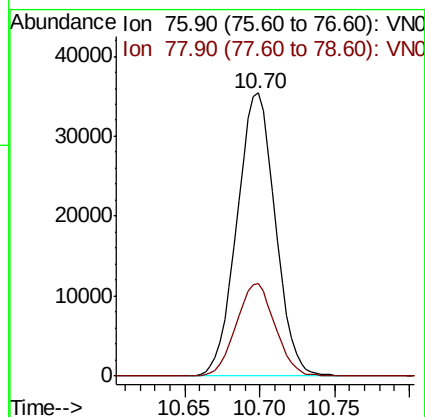
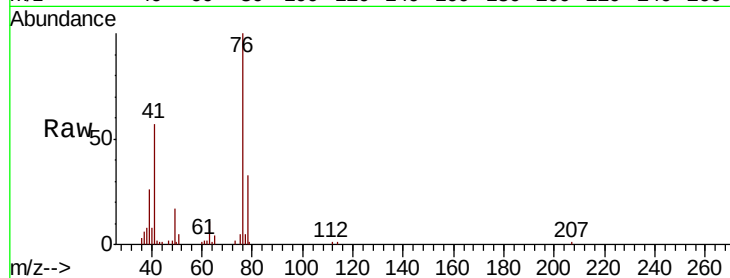
ClientSampled :

Tot Ion: 76 Resp: 63184

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.515 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN059982.D

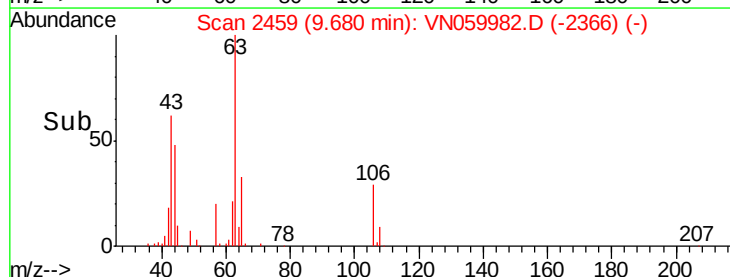
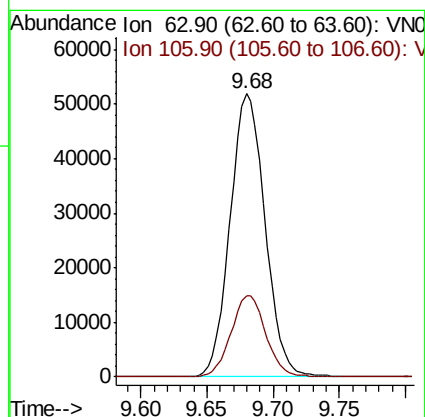
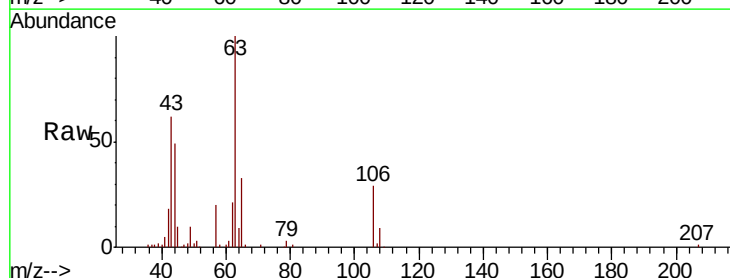
Acq: 3 Feb 2020 18:05

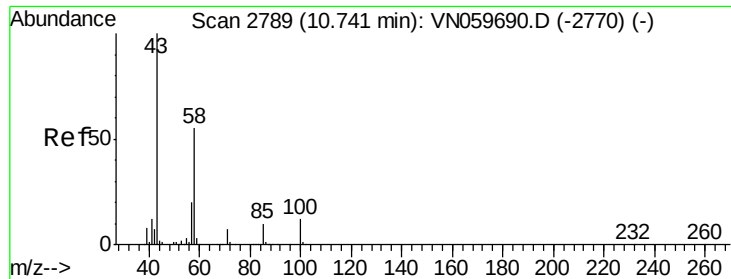
Tgt Ion: 63 Resp: 95035

Ion Ratio Lower Upper

63 100

106 28.5 20.2 30.2

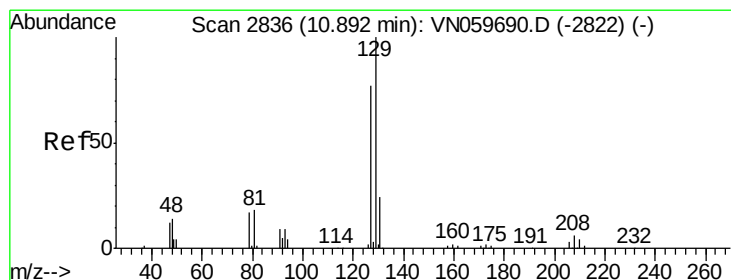
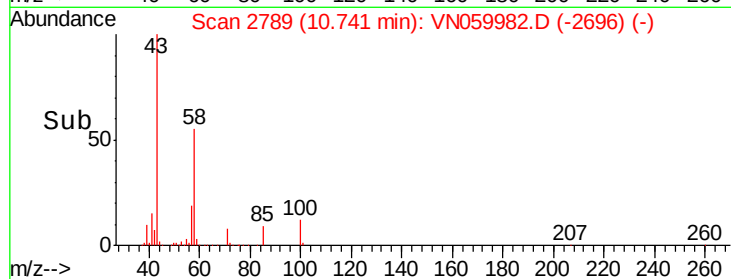
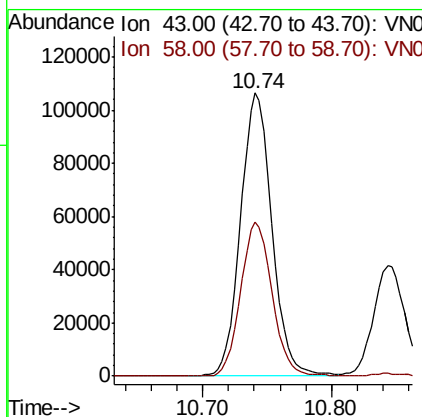
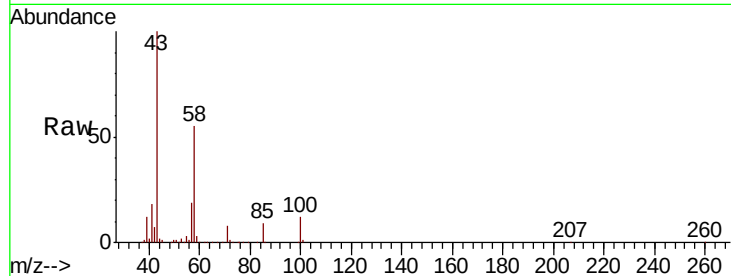




#59
2-Hexanone
Concen: 98.464 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

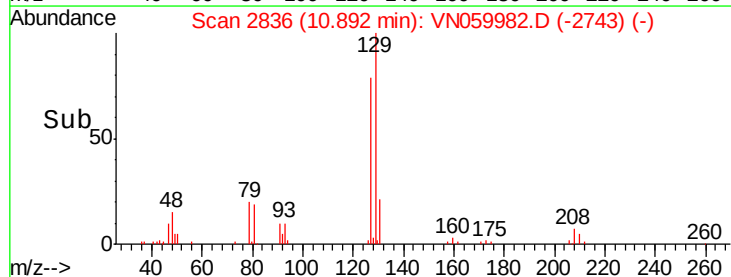
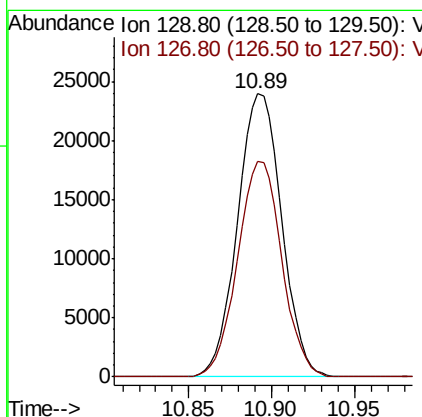
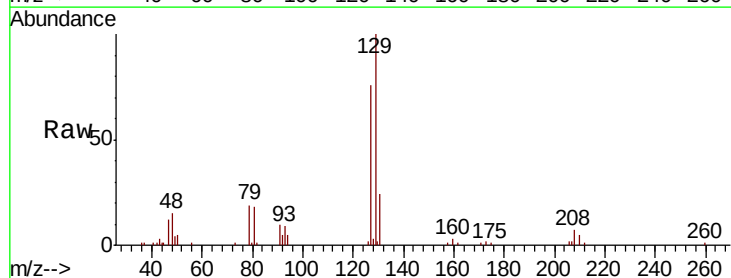
Instrument :
MSVOA_N
ClientSampleId :

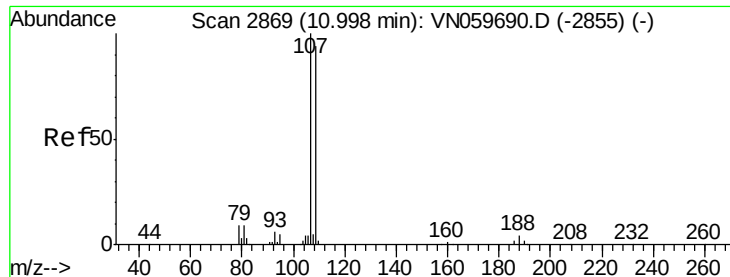
Tot Ion: 43 Resp: 179135
Ion Ratio Lower Upper
43 100
58 54.9 25.8 77.3



#60
Dibromochloromethane
Concen: 19.746 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 129 Resp: 44426
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

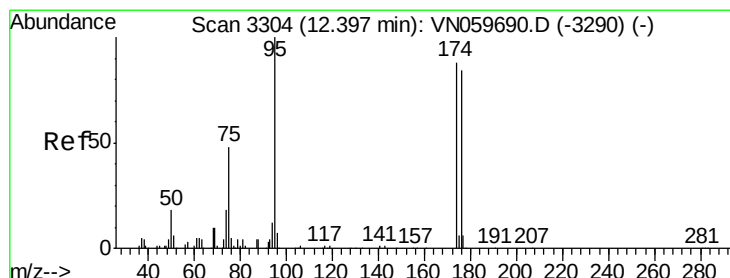
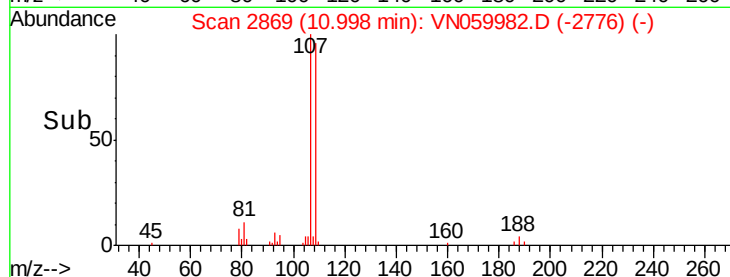
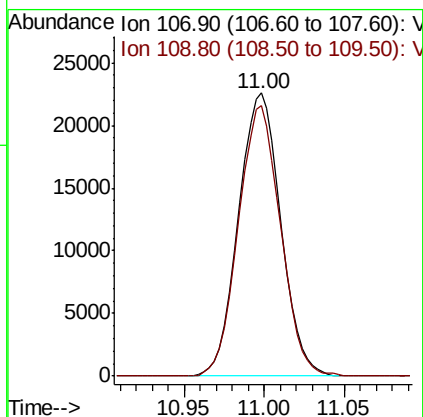
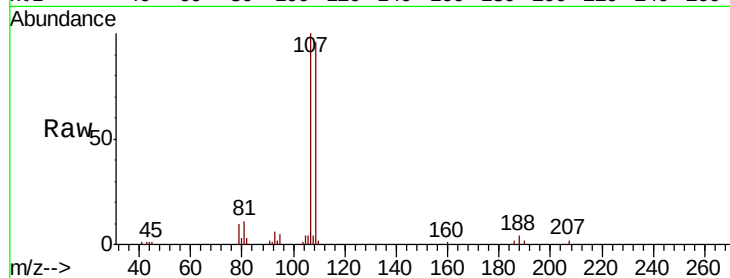




#61
 1,2-Dibromoethane
 Concen: 19.676 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

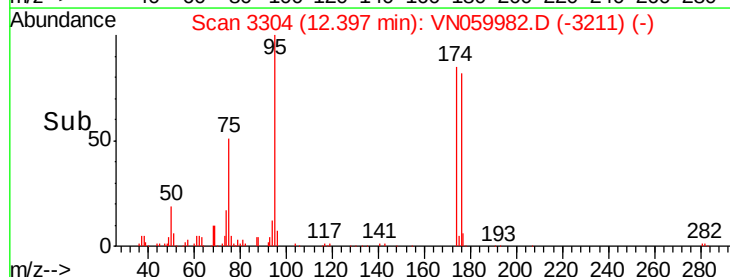
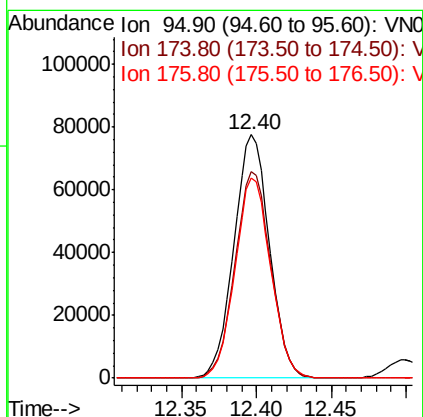
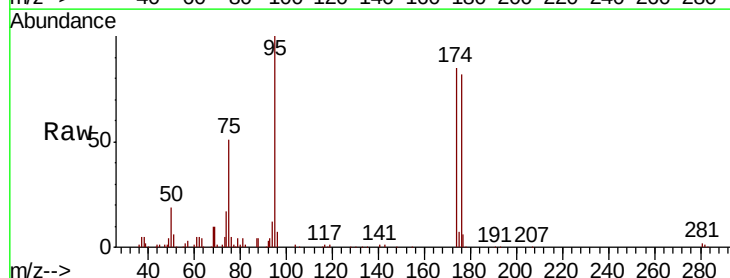
Instrument :
 MSVOA_N
 ClientSampled :

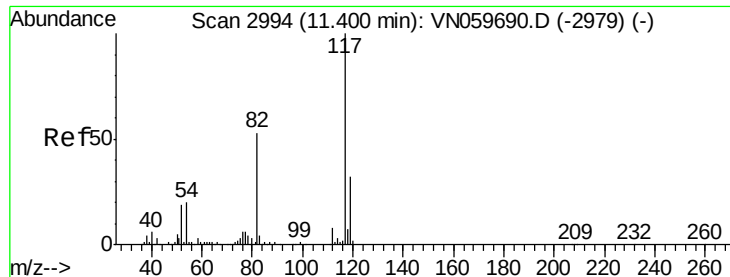
Tot Ion:107 Resp: 40745
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.676 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion: 95 Resp: 128354
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 151.4
 176 82.5 0.0 146.0

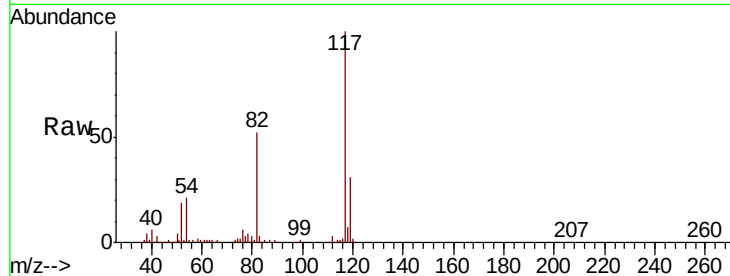




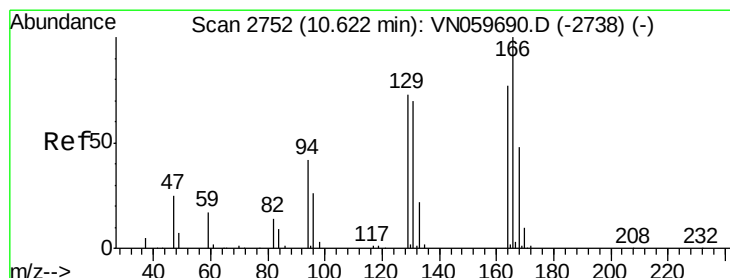
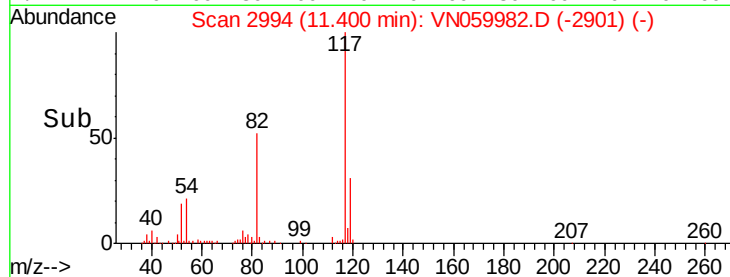
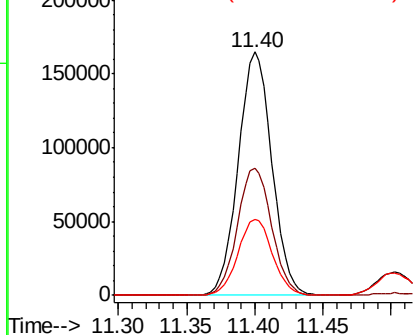
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 282432
Ion Ratio Lower Upper
117 100
82 52.2 45.9 68.9
119 31.4 25.5 38.3

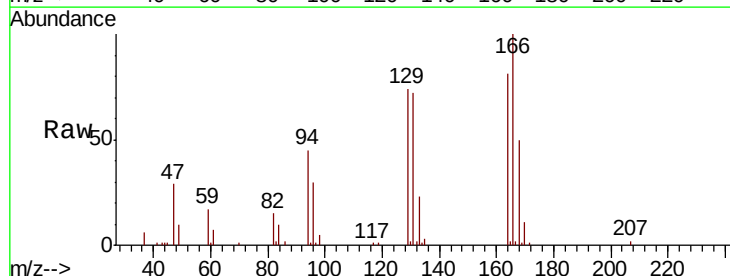


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

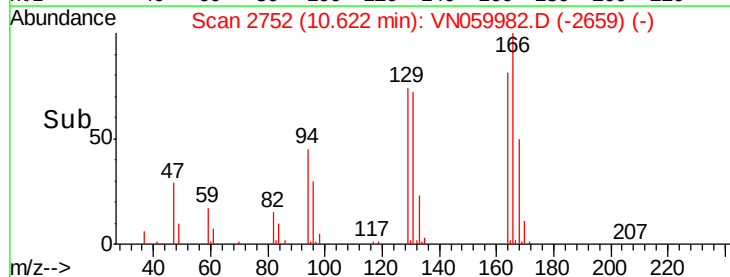
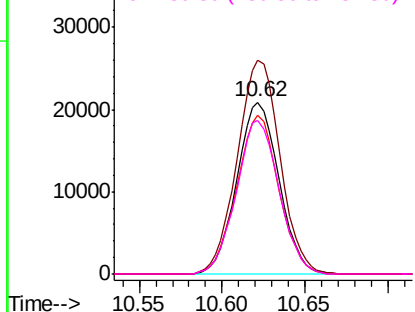


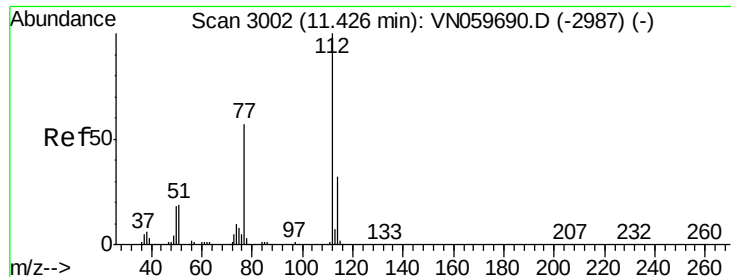
#64
Tetrachloroethene
Concen: 16.008 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion:164 Resp: 36849
Ion Ratio Lower Upper
164 100
166 124.1 101.4 152.0
129 92.0 80.2 120.4
131 89.0 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

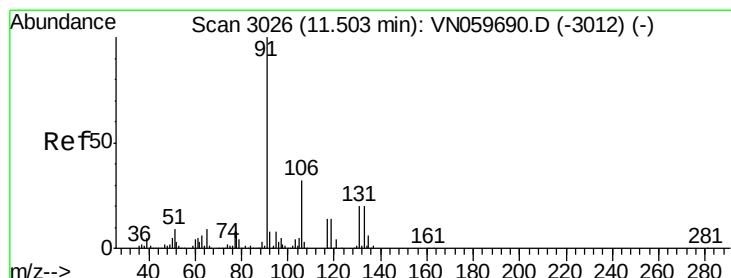
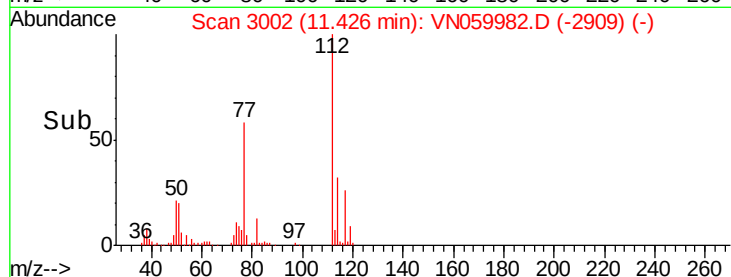
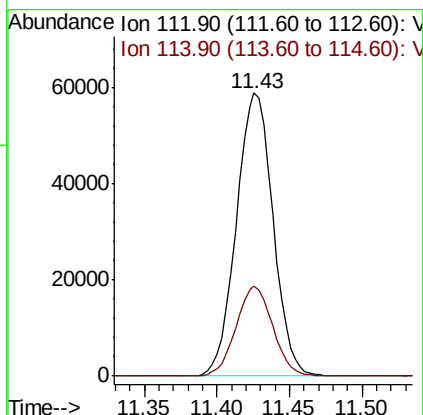
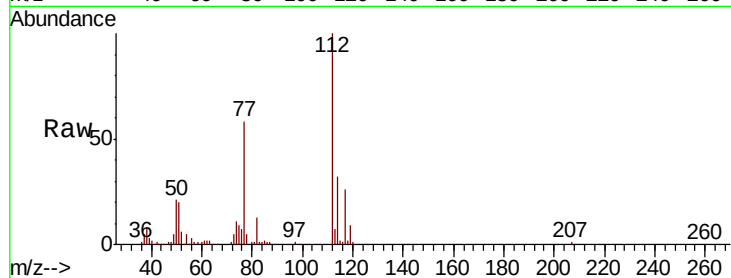




#65
Chlorobenzene
Concen: 18.646 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

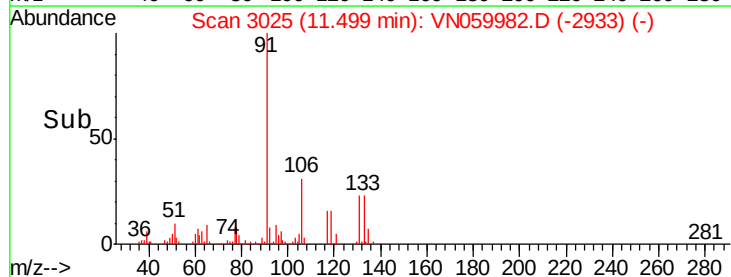
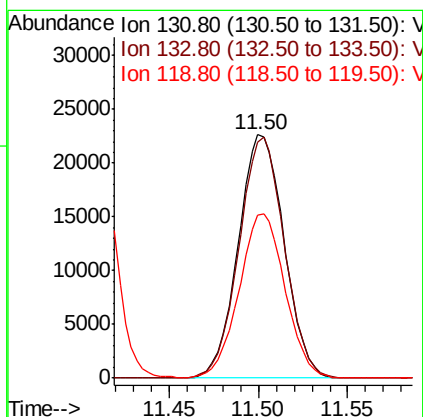
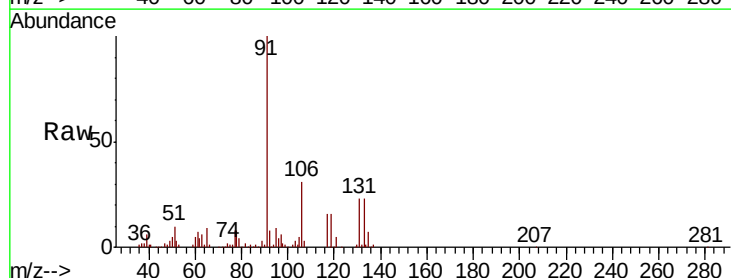
Instrument :
MSVOA_N
ClientSampled :

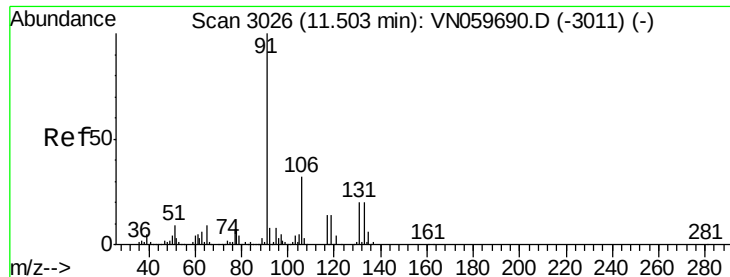
Tot Ion:112 Resp: 103512
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.959 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion:131 Resp: 40668
Ion Ratio Lower Upper
131 100
133 97.9 47.4 142.2
119 67.6 33.1 99.3





#67

Ethyl Benzene

Concen: 18.284 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

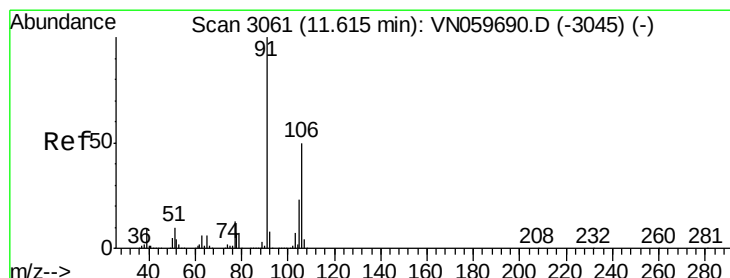
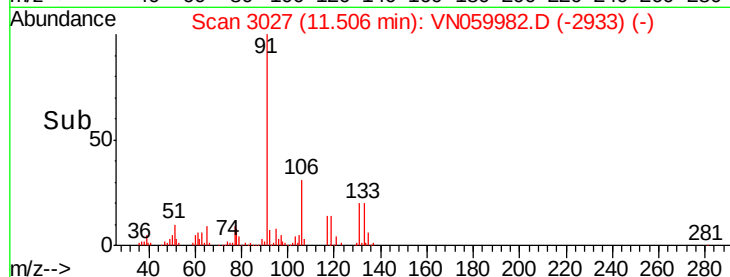
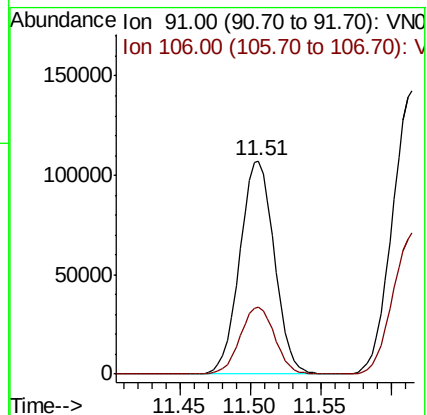
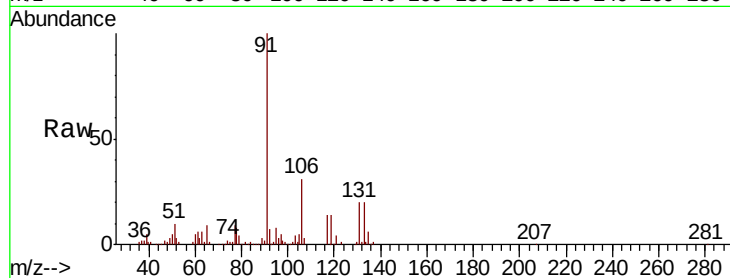
ClientSampled :

Tot Ion: 91 Resp: 184253

Ion Ratio Lower Upper

91 100

106 31.2 24.1 36.1



#68

m/p-Xylenes

Concen: 36.113 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059982.D

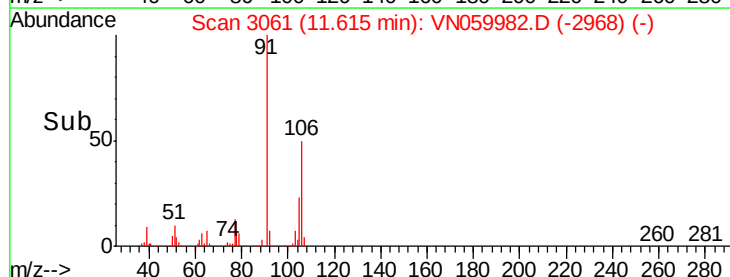
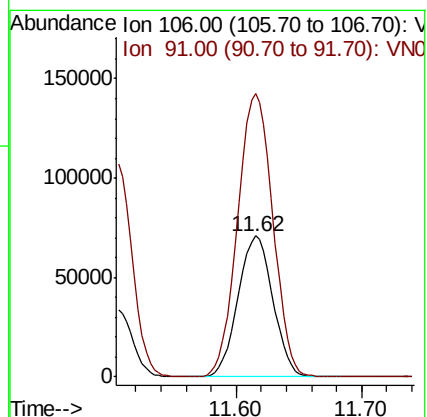
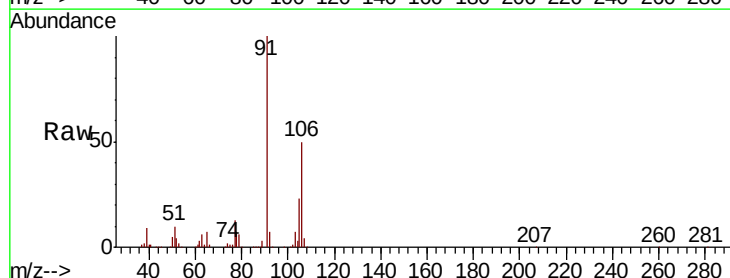
Acq: 3 Feb 2020 18:05

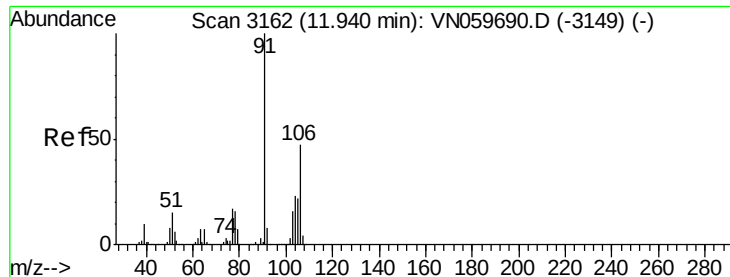
Tgt Ion: 106 Resp: 137468

Ion Ratio Lower Upper

106 100

91 202.2 167.9 251.9

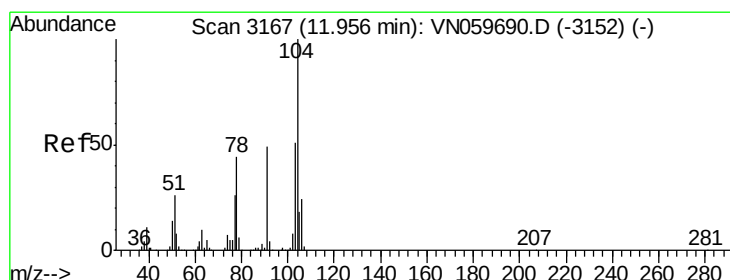
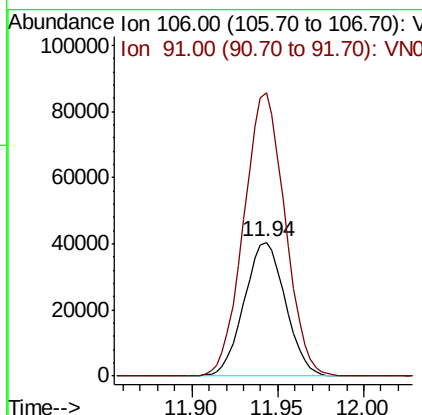
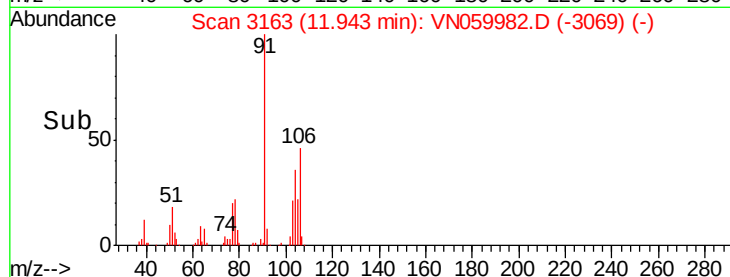
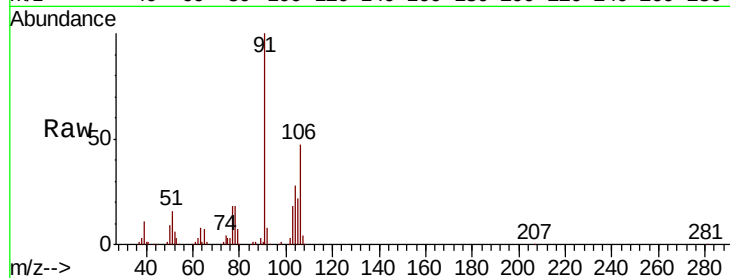




#69
o-Xylene
Concen: 18.066 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

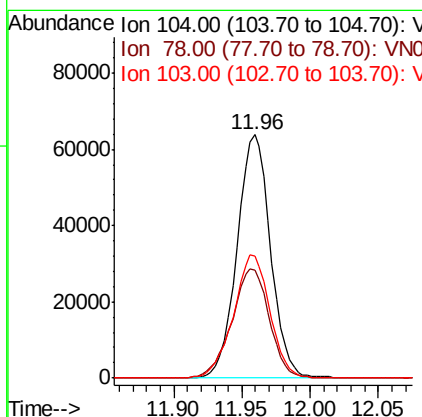
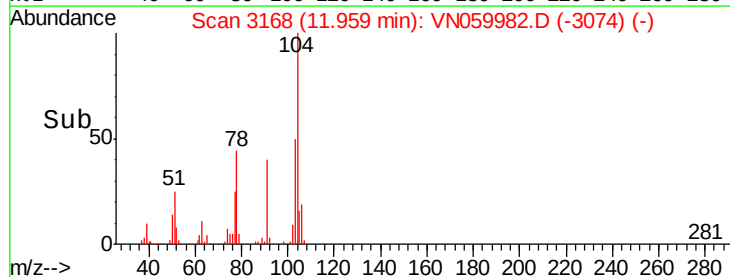
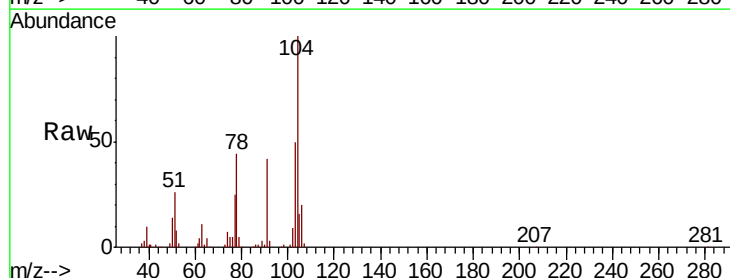
Instrument :
MSVOA_N
ClientSampled :

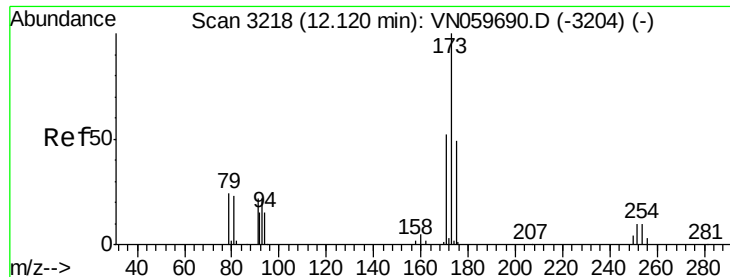
Tot Ion:106 Resp: 67327
Ion Ratio Lower Upper
106 100
91 211.8 110.3 330.9



#70
Styrene
Concen: 17.397 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion:104 Resp: 108490
Ion Ratio Lower Upper
104 100
78 50.3 42.4 63.6
103 55.1 43.9 65.9

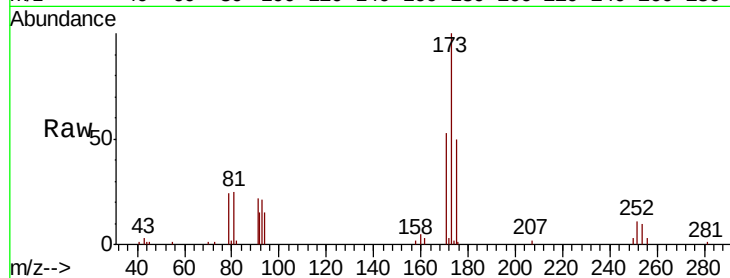




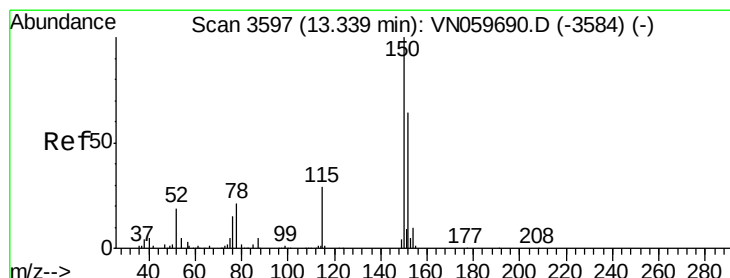
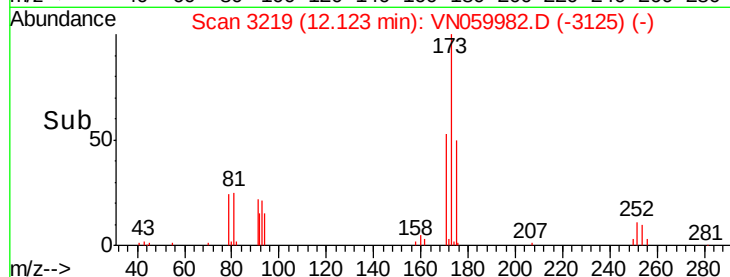
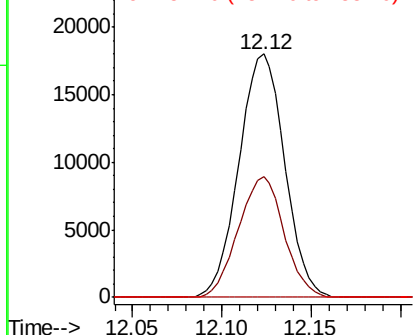
#71
Bromoform
Concen: 18.737 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 32193
Ion Ratio Lower Upper
173 100
175 49.4 23.8 71.4
254 0.0 0.0 0.0

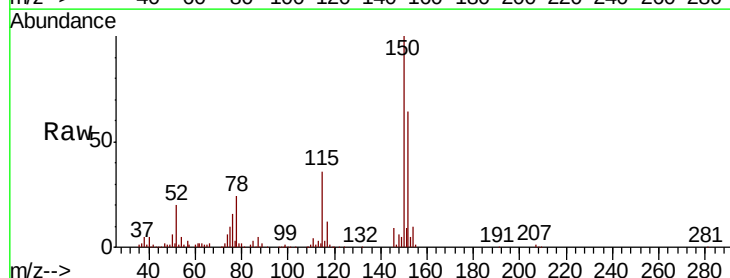


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

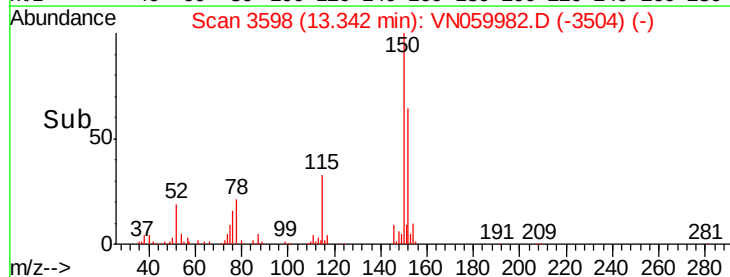
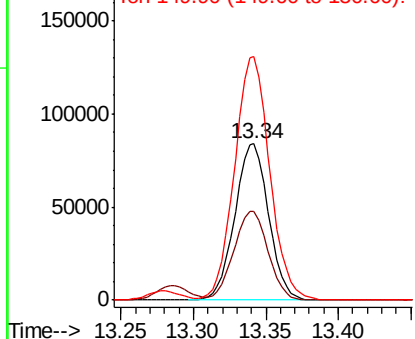


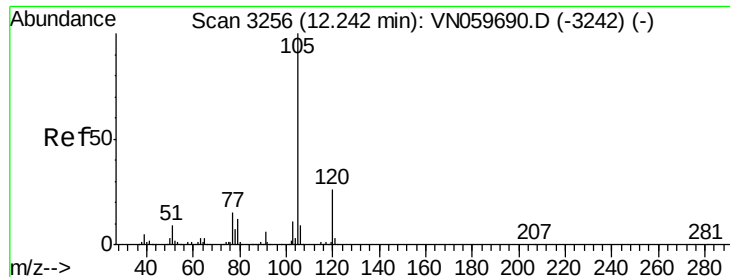
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion:152 Resp: 135804
Ion Ratio Lower Upper
152 100
115 57.9 30.3 90.9
150 162.3 0.0 345.2



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





#73

Isopropylbenzene

Concen: 18.275 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

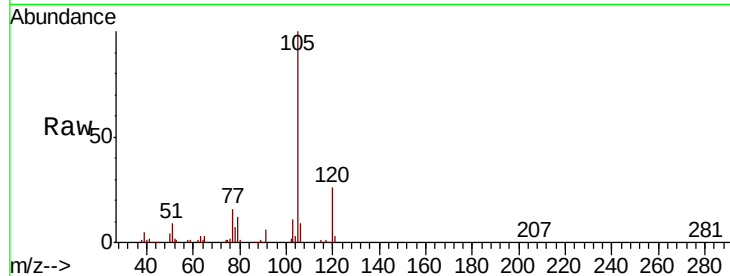
ClientSampled :

Tot Ion:105 Resp: 182018

Ion Ratio Lower Upper

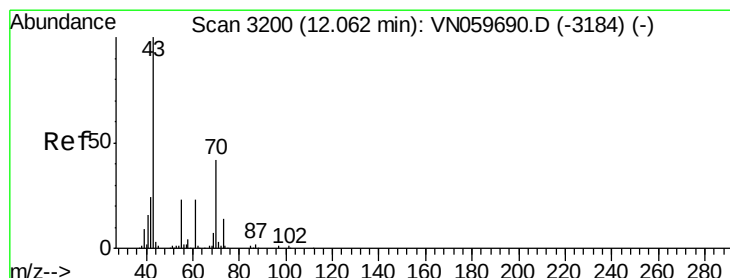
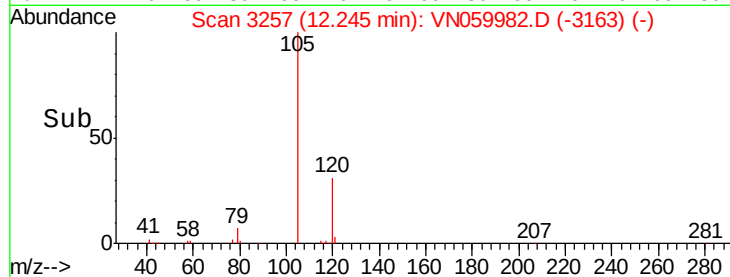
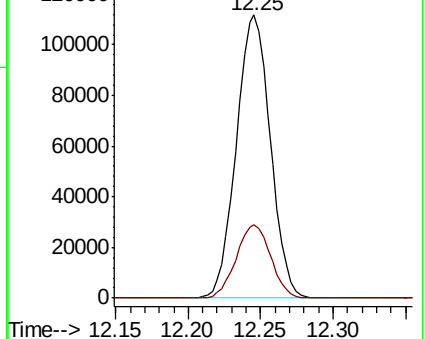
105 100

120 26.3 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: 18.082 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Tgt Ion: 43 Resp: 69883

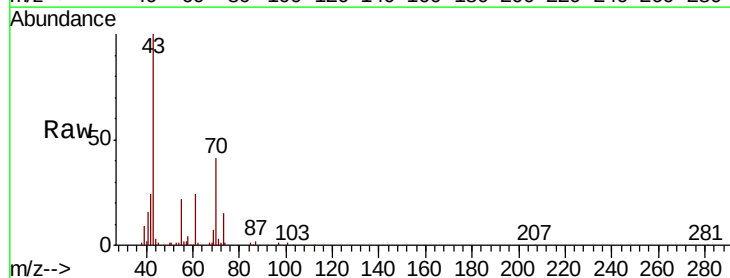
Ion Ratio Lower Upper

43 100

70 43.0 31.3 46.9

55 23.2 19.8 29.6

61 24.7 18.3 27.5

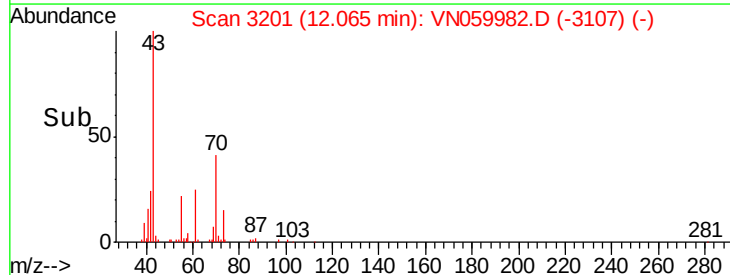
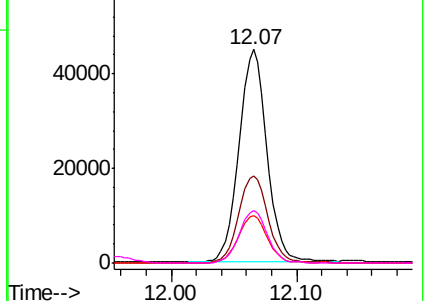


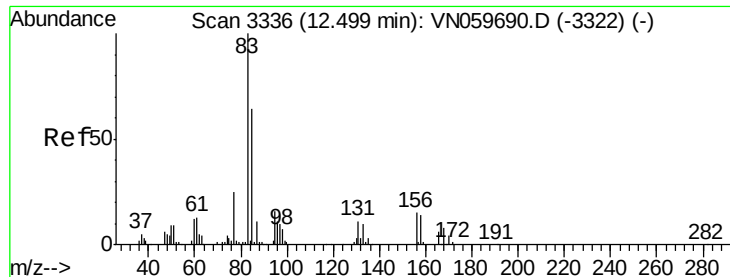
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.546 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

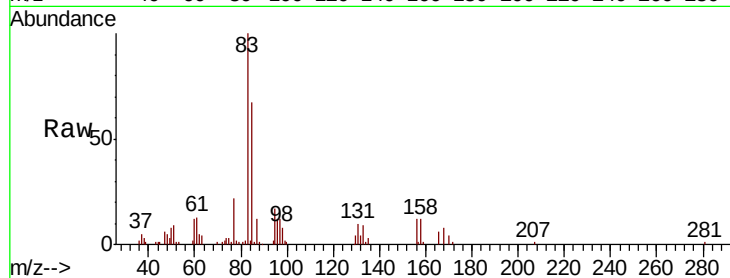
Tot Ion: 83 Resp: 56435

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 65.9 31.9 95.5

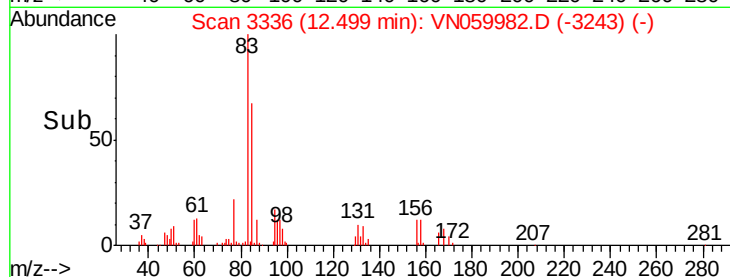


Abundance Ion 82.90 (82.60 to 83.60): VN059982.D (-3243) (-)

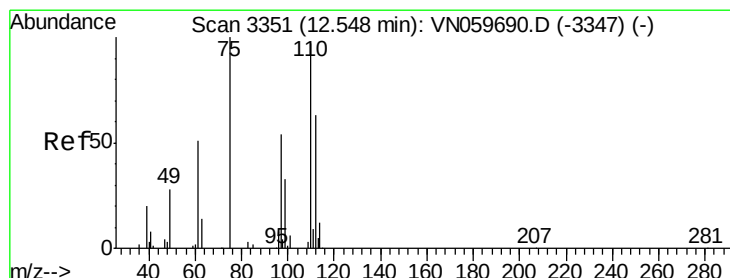
Ion 130.80 (130.50 to 131.50): VN059982.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059982.D (-3243) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 32.166 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN059982.D

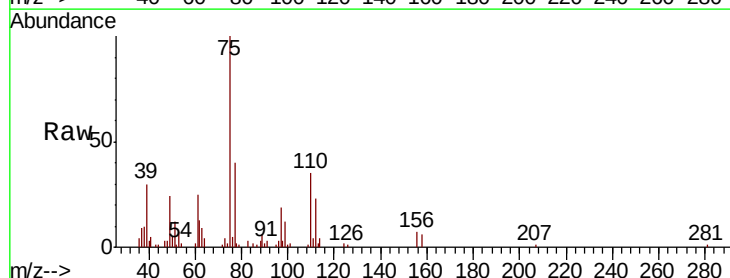
Acq: 3 Feb 2020 18:05

Tgt Ion: 75 Resp: 73513

Ion Ratio Lower Upper

75 100

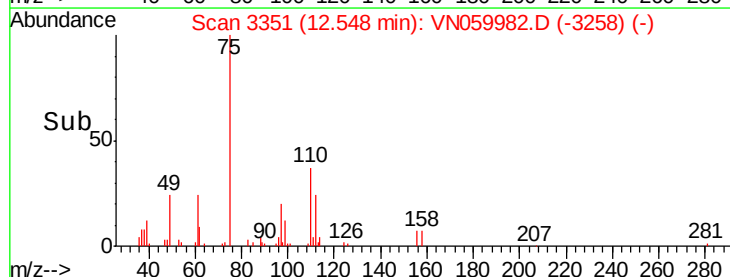
77 0.0 0.0 0.0



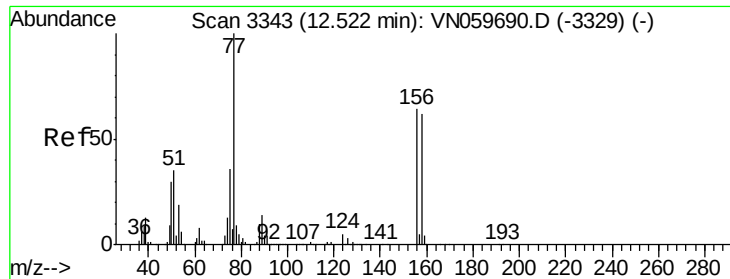
Abundance Ion 74.90 (74.60 to 75.60): VN059982.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059982.D (-3258) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 18.729 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

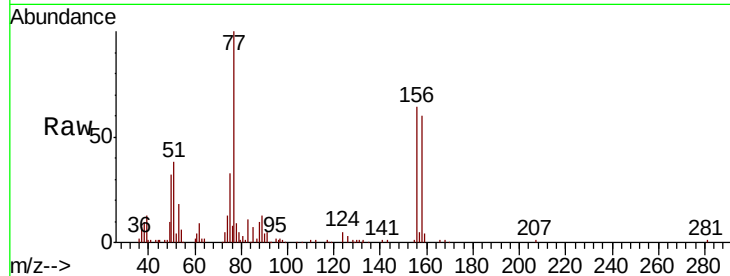
Tot Ion:156 Resp: 47239

Ion Ratio Lower Upper

156 100

77 191.2 115.8 347.4

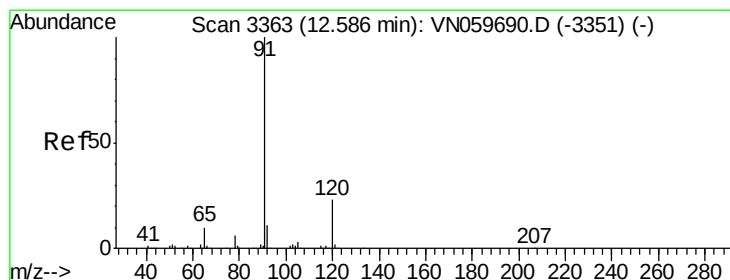
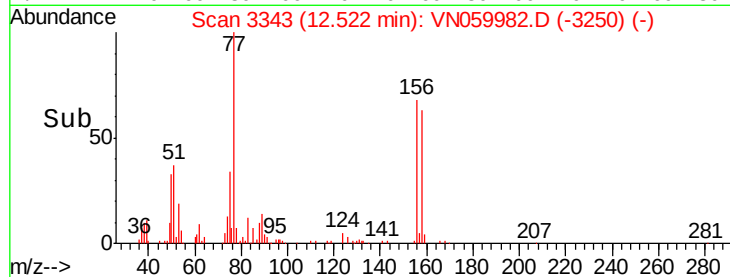
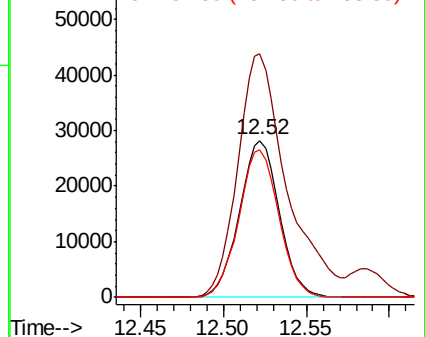
158 94.6 49.2 147.6



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: 18.278 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059982.D

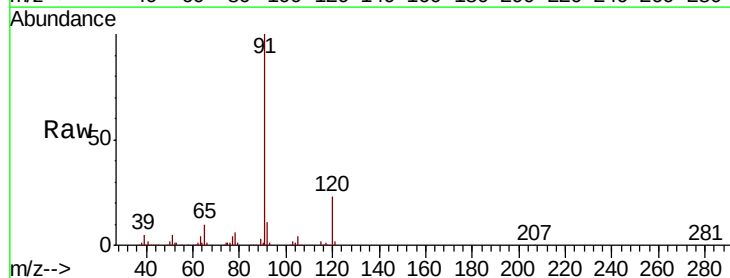
Acq: 3 Feb 2020 18:05

Tgt Ion: 91 Resp: 204323

Ion Ratio Lower Upper

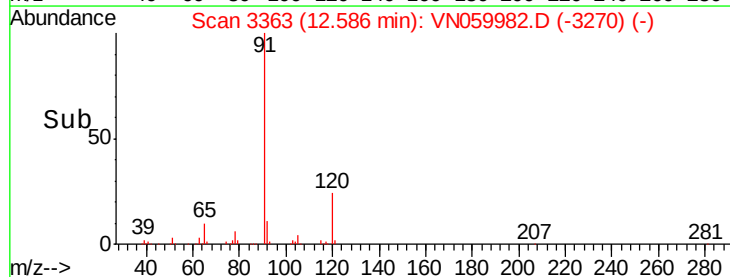
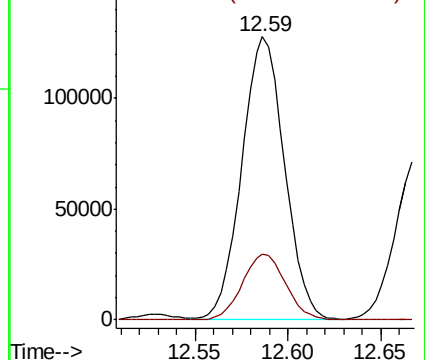
91 100

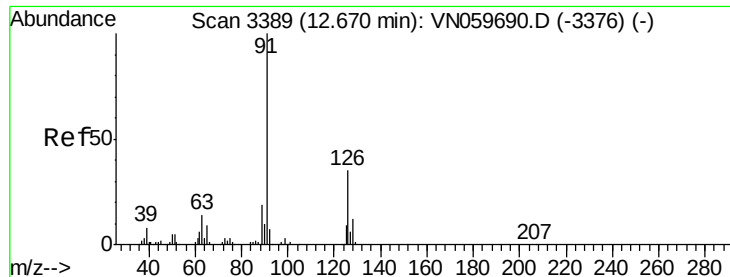
120 23.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.118 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

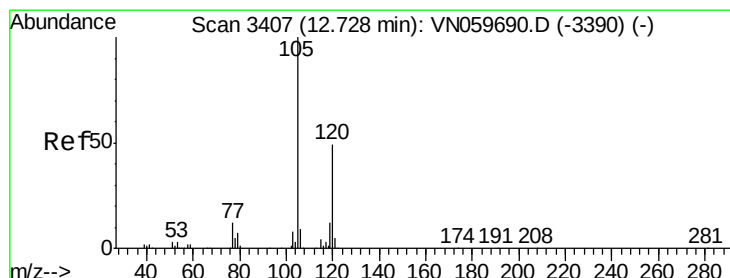
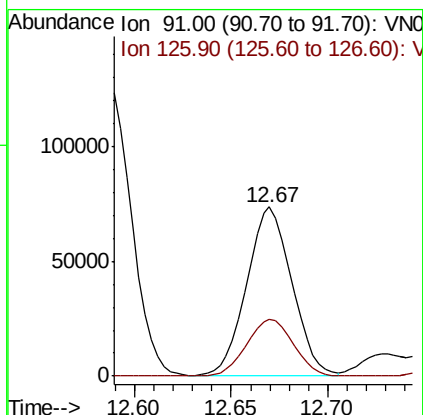
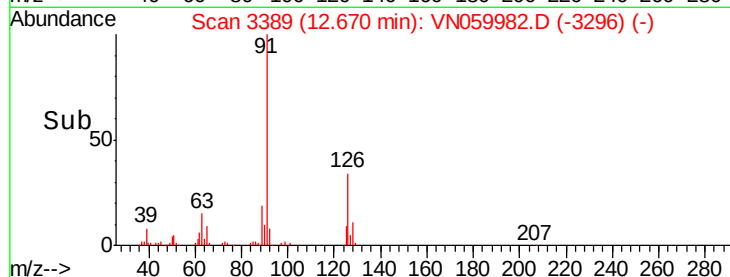
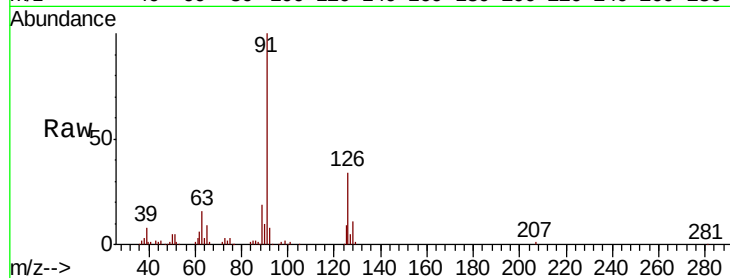
ClientSampled :

Tot Ion: 91 Resp: 120492

Ion Ratio Lower Upper

91 100

126 34.5 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 17.976 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN059982.D

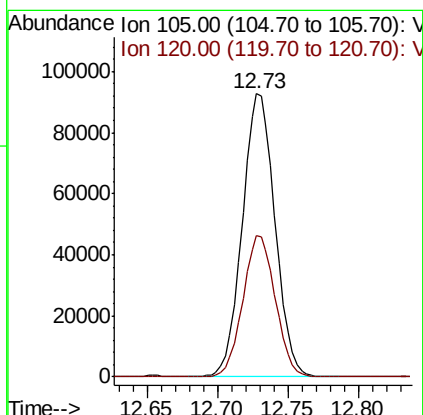
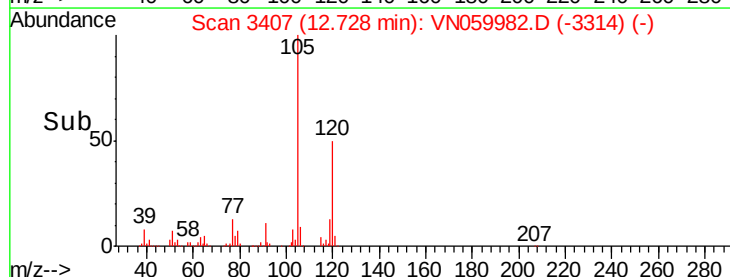
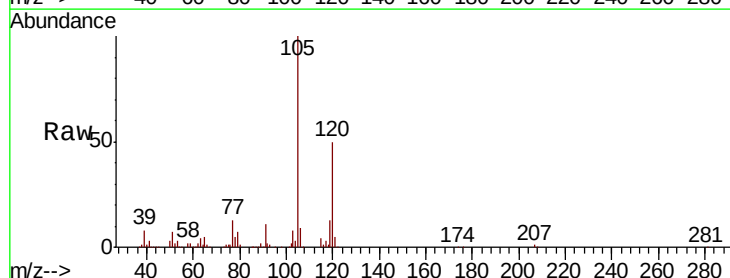
Acq: 3 Feb 2020 18:05

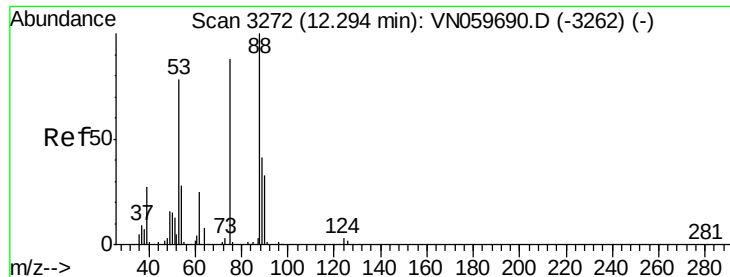
Tgt Ion:105 Resp: 150574

Ion Ratio Lower Upper

105 100

120 49.6 24.1 72.4

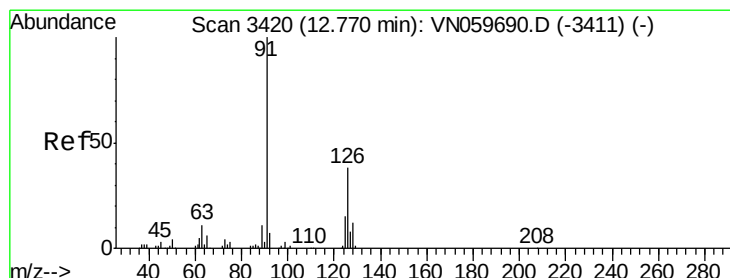
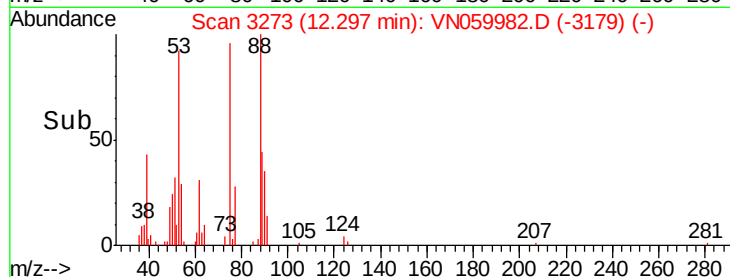
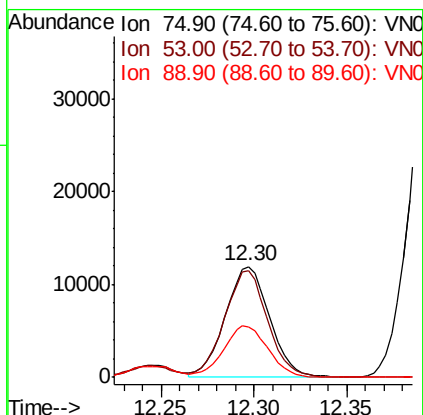
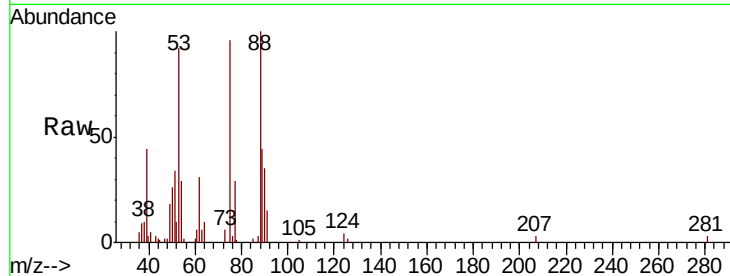




#81
trans-1,4-Dichloro-2-butene
Concen: 18.603 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

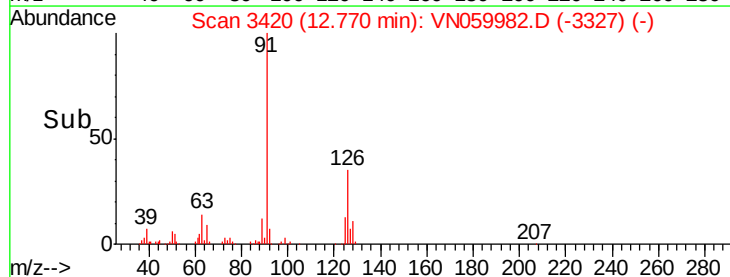
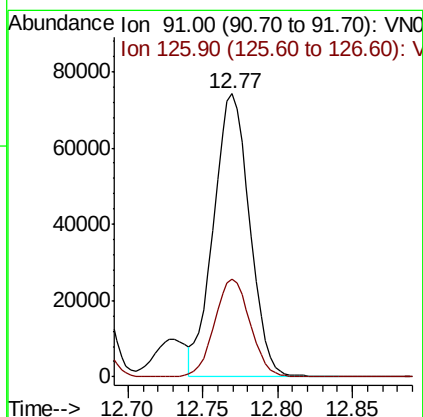
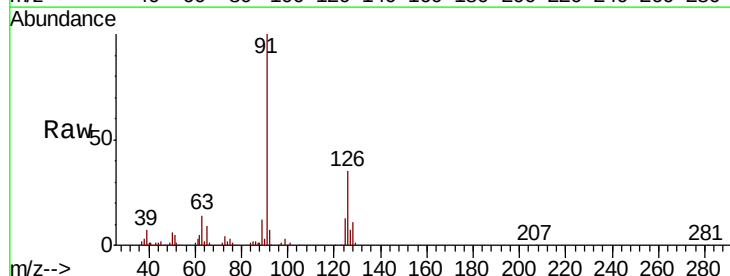
Instrument :
MSVOA_N
ClientSampleId :

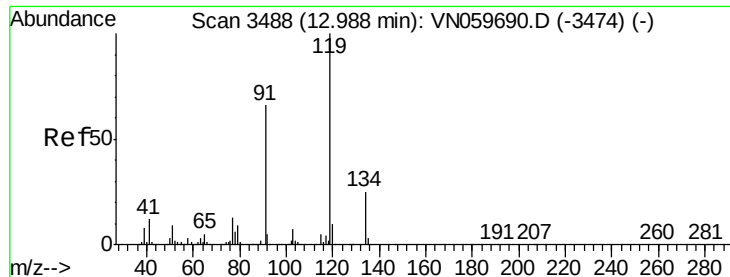
Tot Ion: 75 Resp: 19798
Ion Ratio Lower Upper
75 100
53 93.5 78.1 117.1
89 46.4 35.4 53.2



#82
4-Chlorotoluene
Concen: 18.710 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 91 Resp: 124805
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

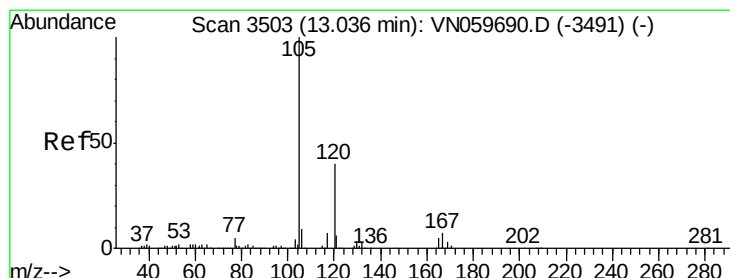
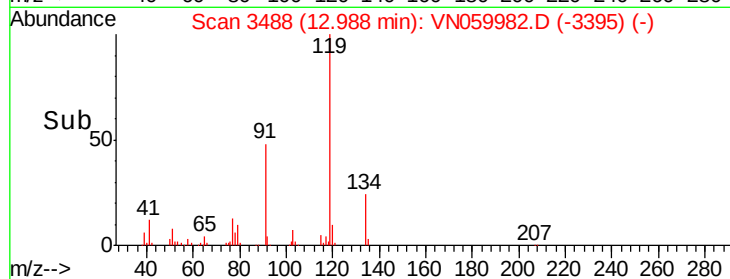
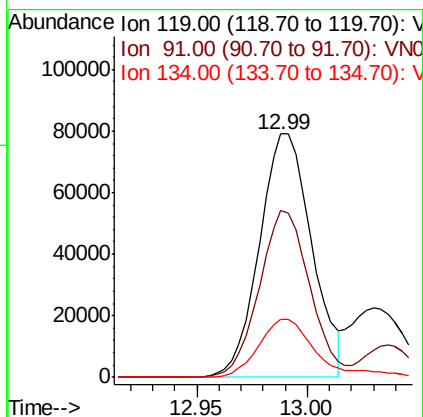
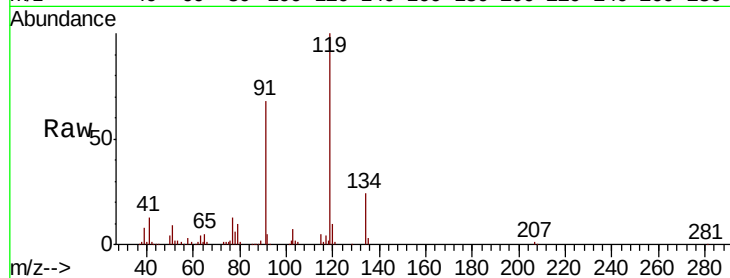




#83
 tert-Butylbenzene
 Concen: 17.972 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

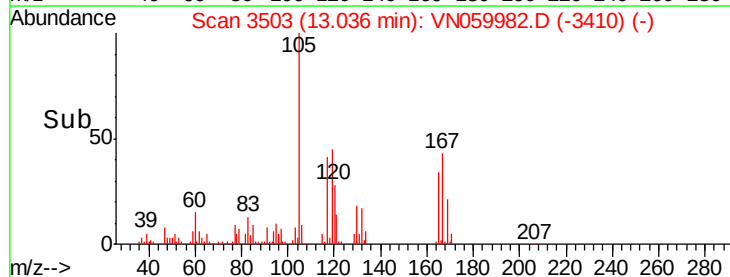
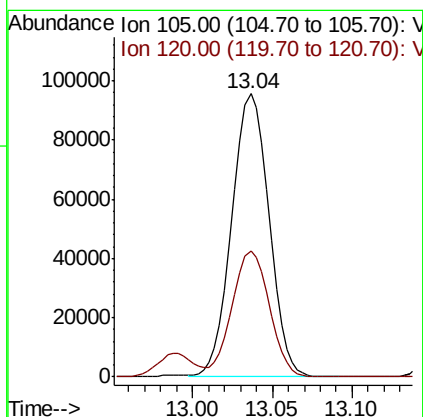
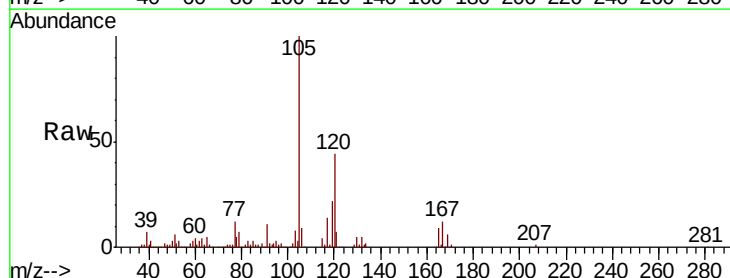
Instrument :
 MSVOA_N
 ClientSampled :

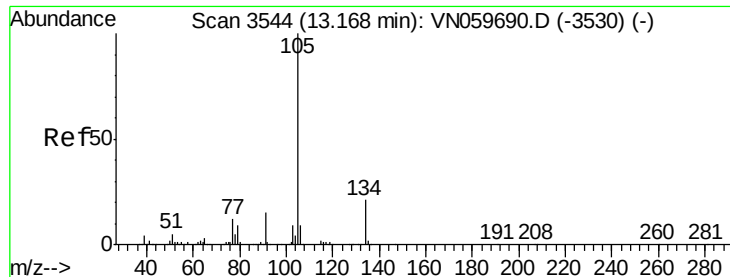
Tot Ion:119 Resp: 130194
 Ion Ratio Lower Upper
 119 100
 91 65.8 34.8 104.4
 134 26.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.332 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion:105 Resp: 151915
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 18.067 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

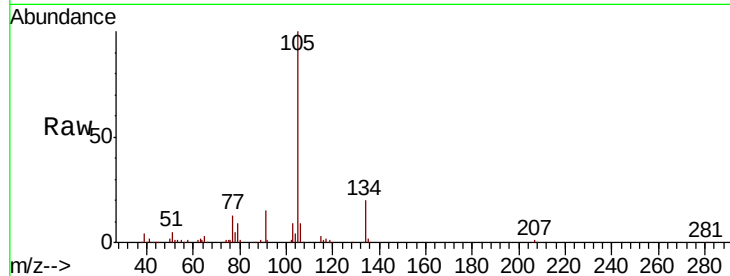
ClientSampleId :

Tot Ion:105 Resp: 171960

Ion Ratio Lower Upper

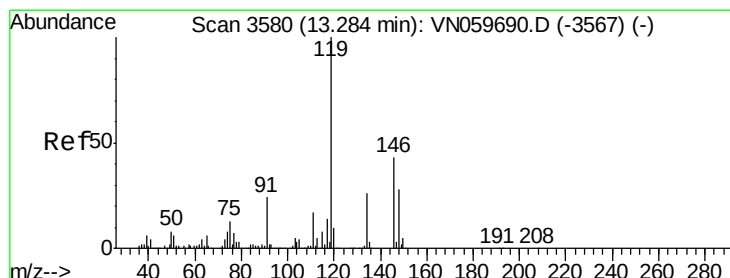
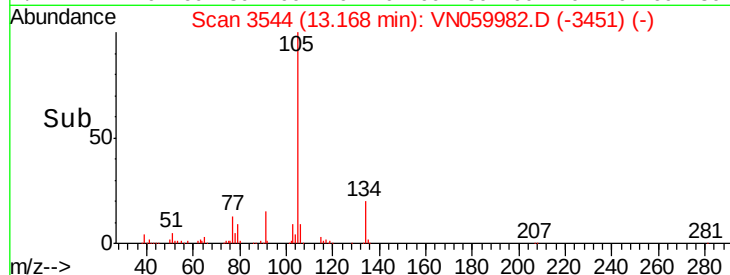
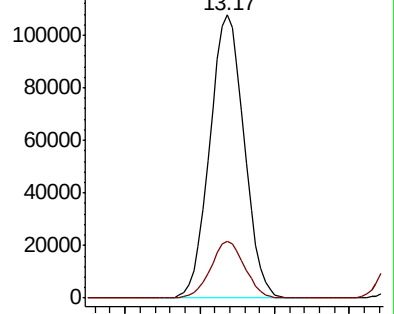
105 100

134 19.9 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.832 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

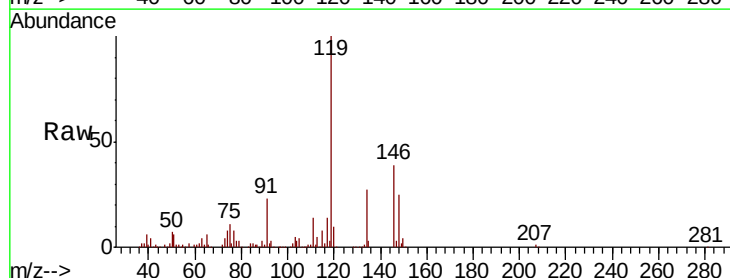
Tgt Ion:119 Resp: 157050

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

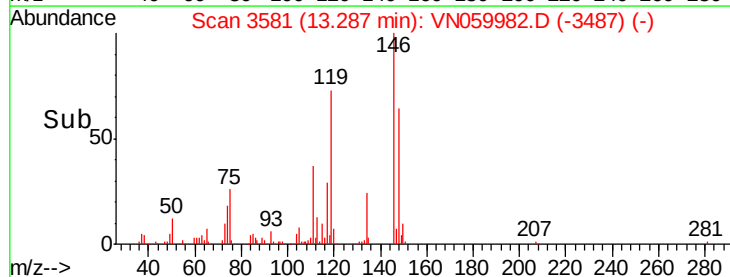
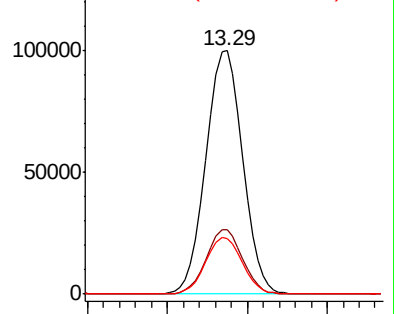
91 23.3 12.4 37.4

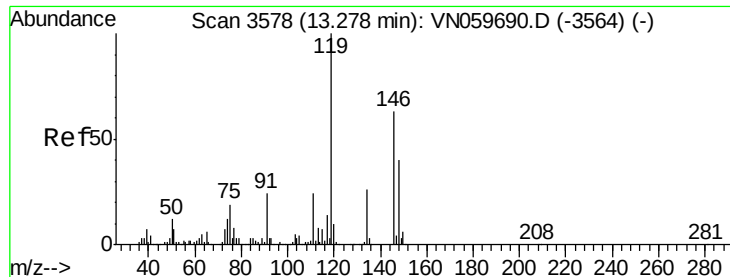


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

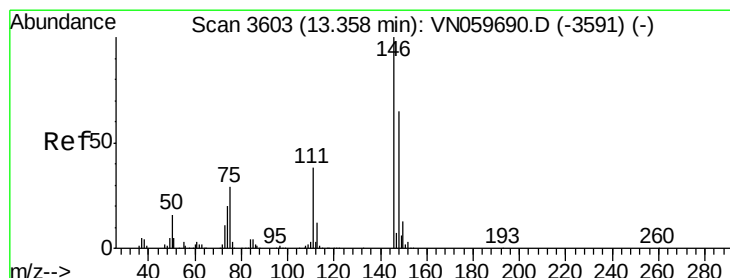
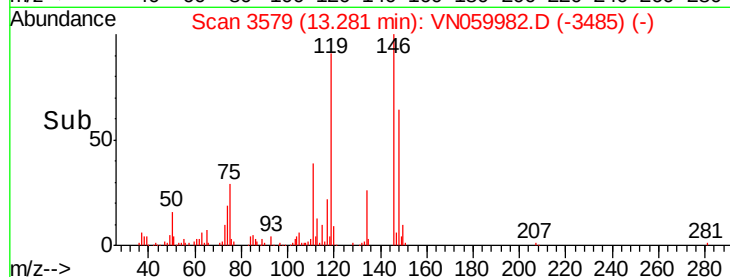
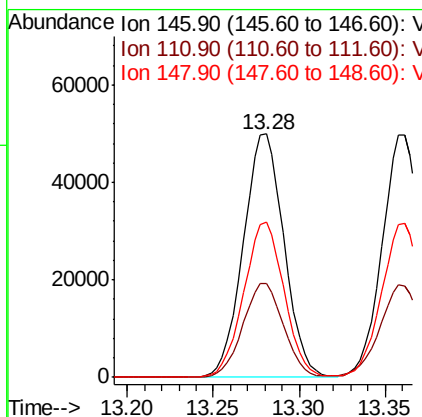
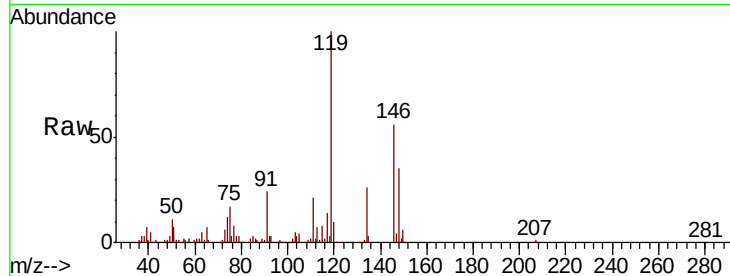




#87
 1,3-Dichlorobenzene
 Concen: 18.715 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

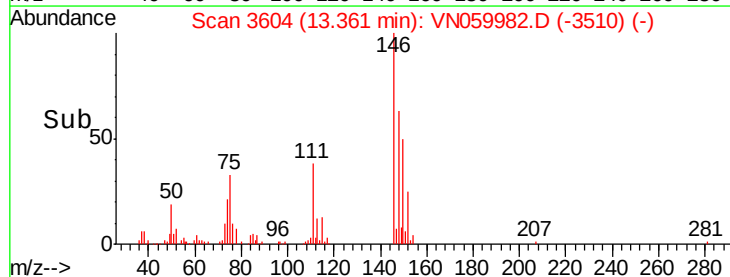
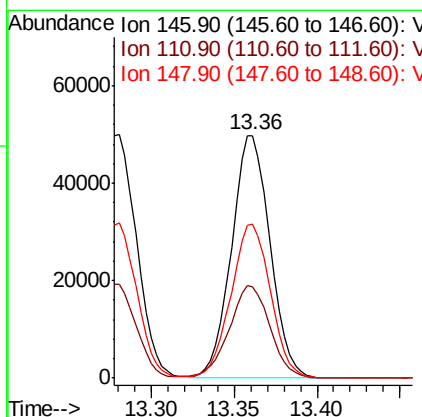
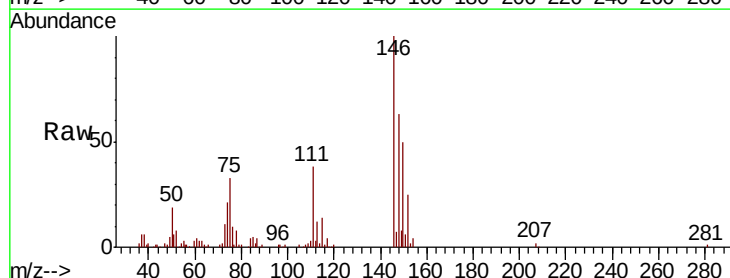
Instrument :
 MSVOA_N
 ClientSampled :

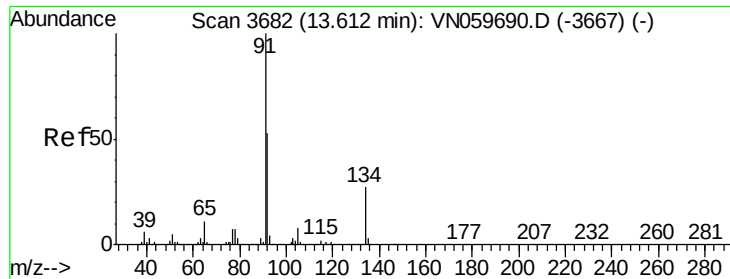
Tot Ion:146 Resp: 81992
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.2
 148 63.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.411 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion:146 Resp: 80468
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.8 62.2
 148 65.2 31.8 95.4

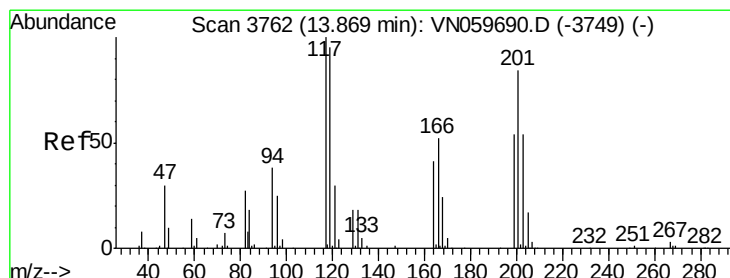
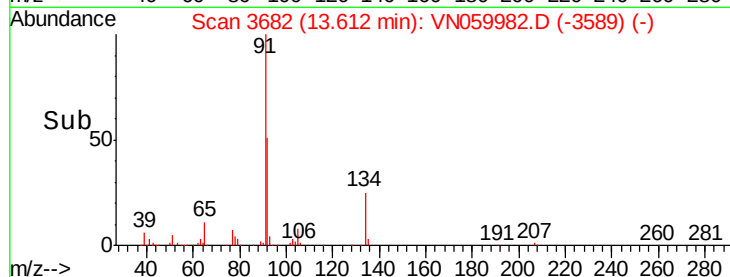
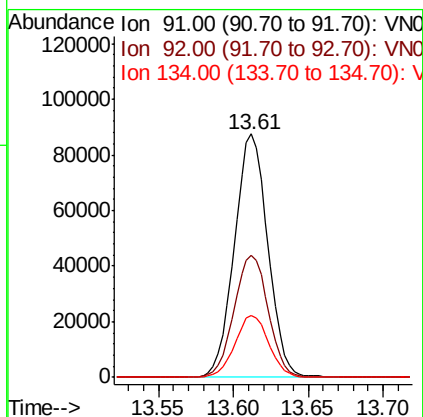
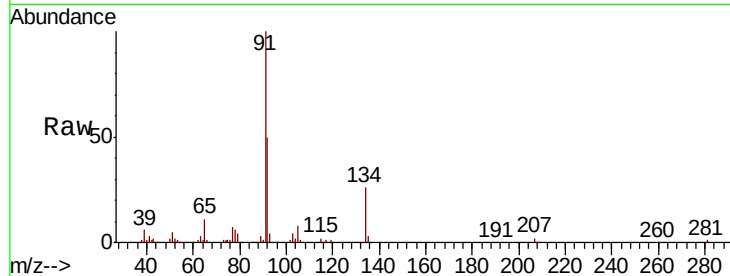




#89
n-Butylbenzene
Concen: 18.139 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

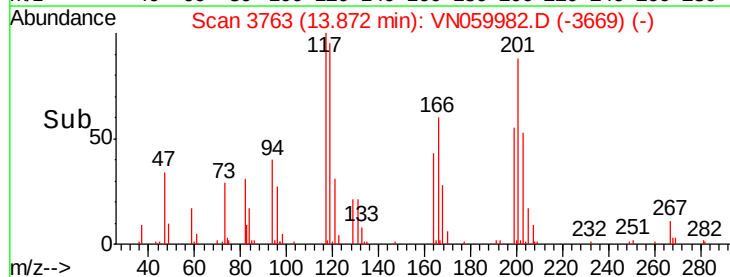
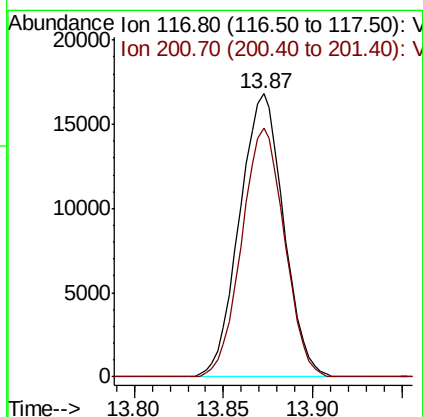
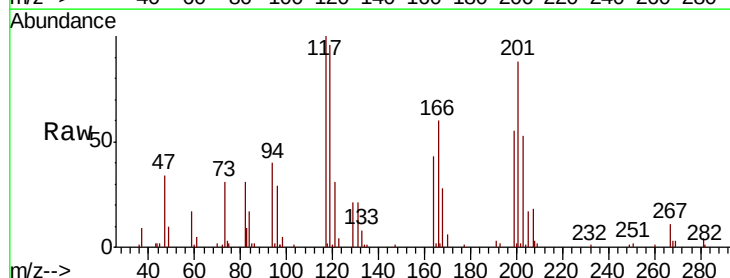
Instrument :
MSVOA_N
ClientSampled :

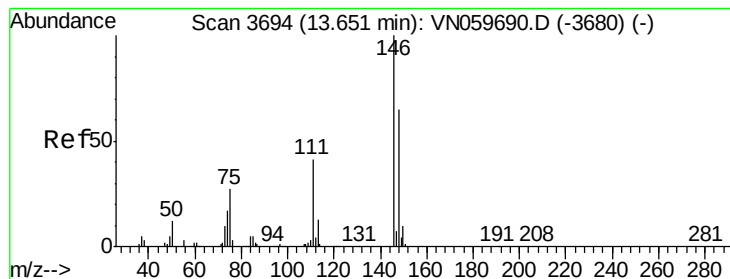
Tot Ion: 91 Resp: 136210
Ion Ratio Lower Upper
91 100
92 51.1 25.9 77.7
134 25.9 12.3 36.8



#90
Hexachloroethane
Concen: 17.628 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion: 117 Resp: 29047
Ion Ratio Lower Upper
117 100
201 85.4 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 18.493 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

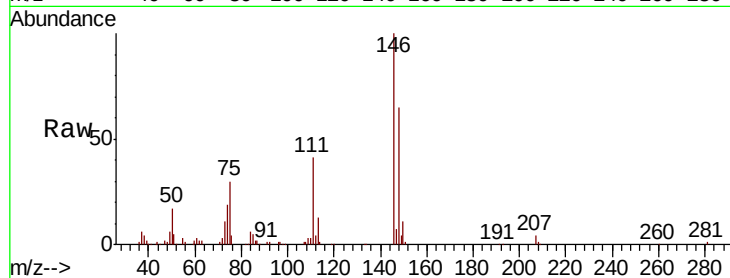
Tot Ion:146 Resp: 80097

Ion Ratio Lower Upper

146 100

111 40.7 21.6 64.8

148 64.0 31.6 95.0

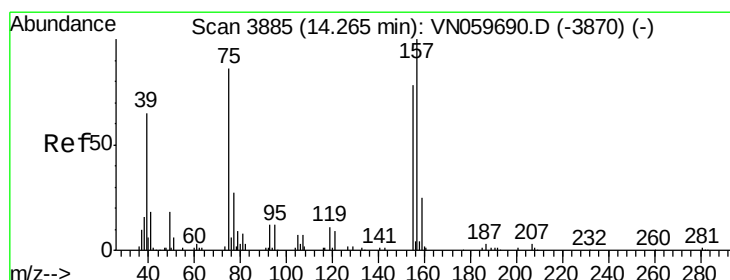
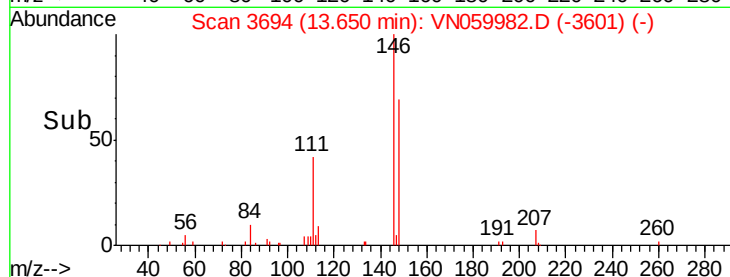
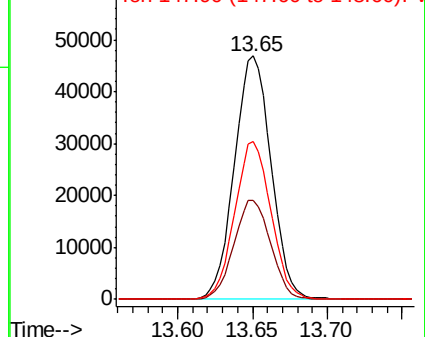


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.885 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059982.D

Acq: 3 Feb 2020 18:05

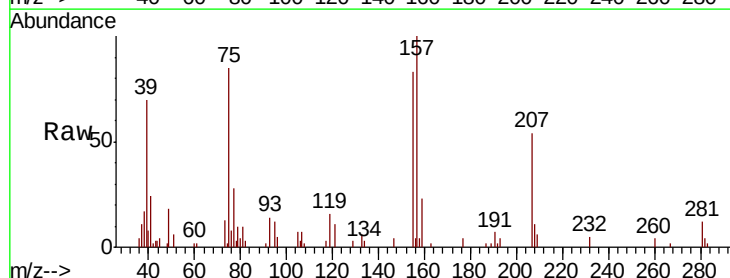
Tgt Ion: 75 Resp: 12509

Ion Ratio Lower Upper

75 100

155 86.1 37.0 110.9

157 108.8 48.4 145.2

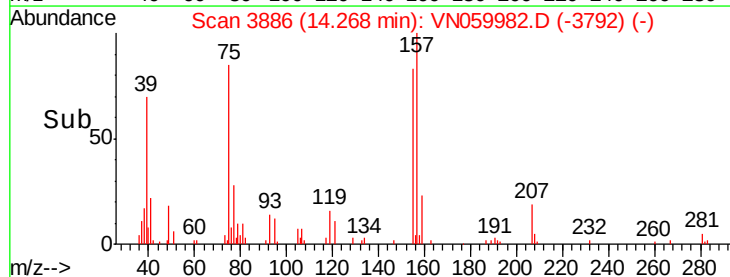
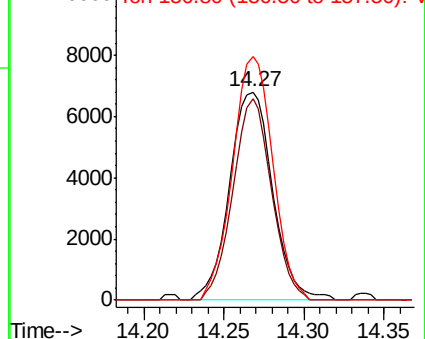


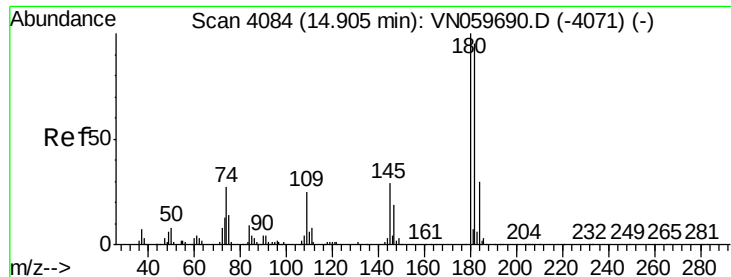
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

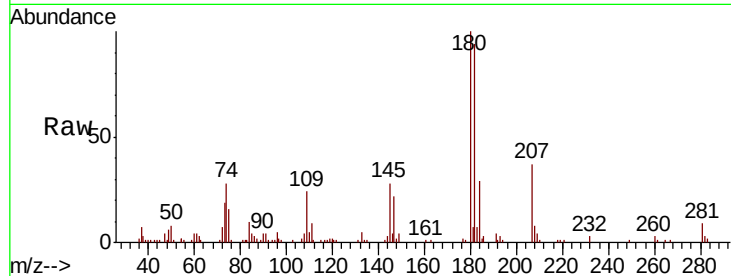




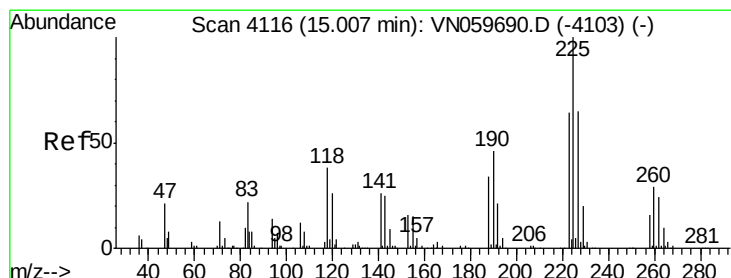
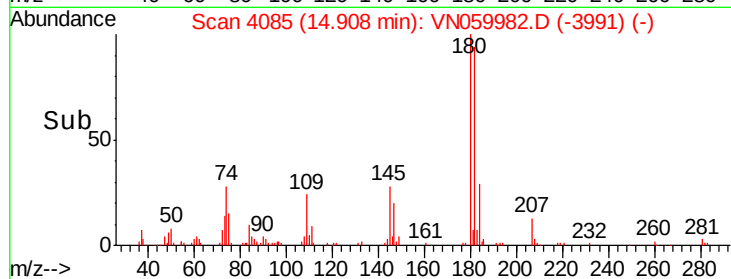
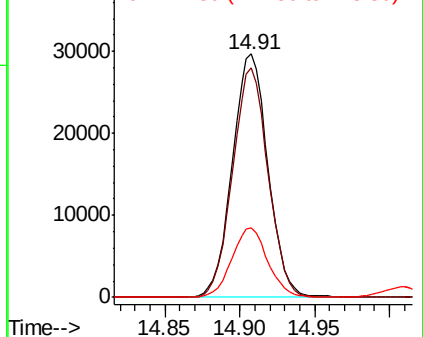
#93
 1,2,4-Trichlorobenzene
 Concen: 18.905 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 49201
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.9 140.7
 145 28.5 15.0 45.1

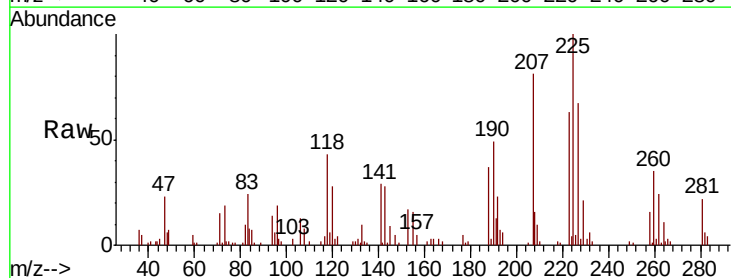


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

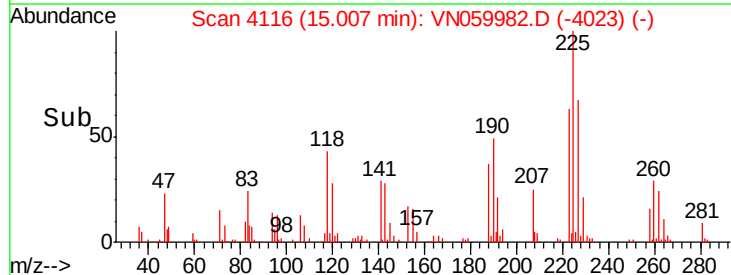
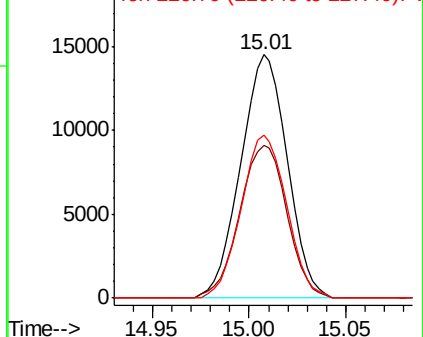


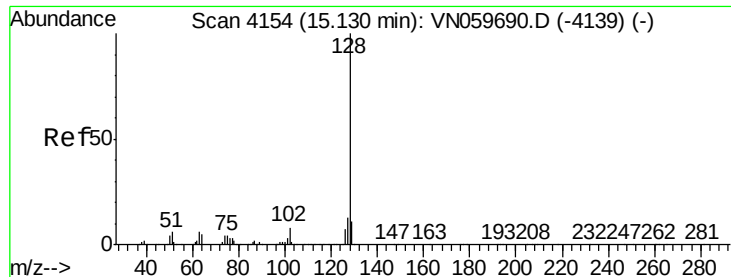
#94
 Hexachlorobutadiene
 Concen: 16.968 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN059982.D
 Acq: 3 Feb 2020 18:05

Tgt Ion:225 Resp: 24335
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.8 95.3
 227 65.4 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

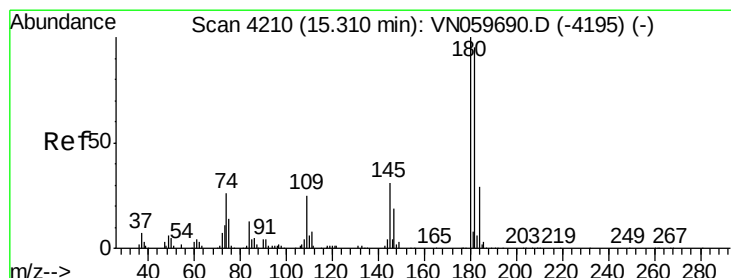
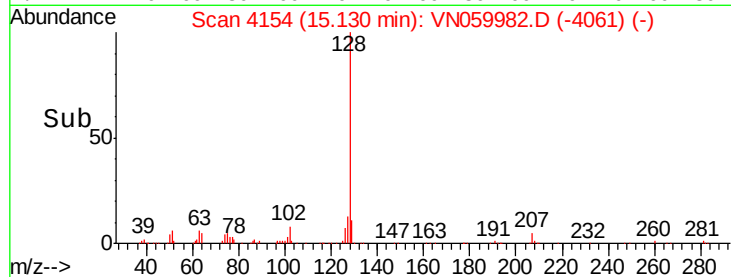
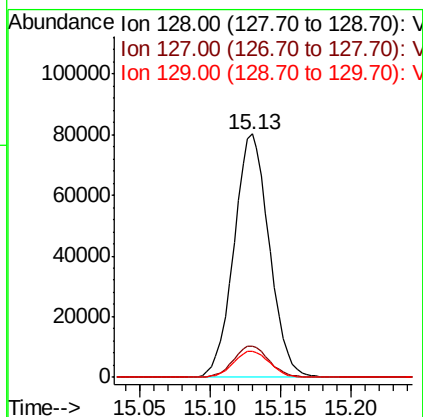
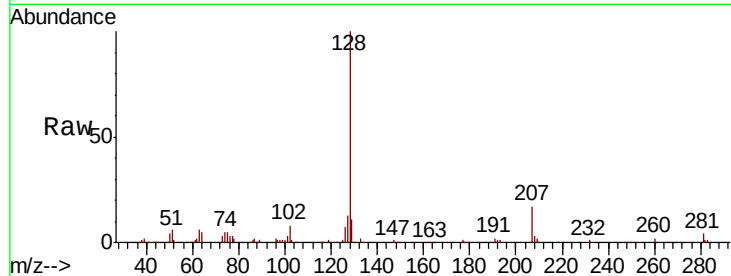




#95
Naphthalene
Concen: 18.976 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 140476
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.795 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN059982.D
Acq: 3 Feb 2020 18:05

Tgt Ion:180 Resp: 47614
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.3
145 32.6 16.3 48.9

