

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059216.D
 Acq On : 13 Nov 2019 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 04:03:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	414943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	649593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	598417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	290925	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	255981	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
35) Dibromofluoromethane	7.57	113	202737	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
50) Toluene-d8	10.08	98	779271	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	291224	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	182538	43.662	ug/l	99
3) Chloromethane	2.04	50	247600	43.568	ug/l	99
4) Vinyl Chloride	2.17	62	253422	45.995	ug/l	98
5) Bromomethane	2.53	94	134779	42.508	ug/l	98
6) Chloroethane	2.67	64	152502	46.790	ug/l	99
7) Trichlorofluoromethane	2.99	101	319131	48.424	ug/l	100
8) Diethyl Ether	3.39	74	133475	49.845	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	194797	49.023	ug/l	99
10) Methyl Iodide	3.92	142	242853	49.376	ug/l	100
11) Tert butyl alcohol	4.76	59	261289	268.792	ug/l	99
12) 1,1-Dichloroethene	3.71	96	185213	47.849	ug/l	97
13) Acrolein	3.58	56	158214	315.678	ug/l	98
14) Allyl chloride	4.29	41	379416	47.719	ug/l	99
15) Acrylonitrile	4.95	53	661296	273.354	ug/l	99
16) Acetone	3.79	43	569891	214.853	ug/l	99
17) Carbon Disulfide	4.02	76	492560	40.993	ug/l	99
18) Methyl Acetate	4.29	43	349721	55.548	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	694232	52.094	ug/l	100
20) Methylene Chloride	4.52	84	223056	48.270	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	199670	48.057	ug/l	97
22) Diisopropyl ether	5.92	45	776644	51.713	ug/l	99
23) Vinyl Acetate	5.87	43	3227115	277.255	ug/l	100
24) 1,1-Dichloroethane	5.82	63	418421	49.882	ug/l	99
25) 2-Butanone	6.81	43	917651	262.501	ug/l	99
26) 2,2-Dichloropropane	6.80	77	346396	47.227	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	238312	49.439	ug/l	100
28) Bromochloromethane	7.17	49	118672	47.024	ug/l	98
29) Tetrahydrofuran	7.19	42	620261	279.242	ug/l	100
30) Chloroform	7.35	83	405037	50.337	ug/l	96
31) Cyclohexane	7.63	56	357483	45.018	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	344530	50.927	ug/l	100
36) 1,1-Dichloropropene	7.77	75	299284	49.291	ug/l	99
37) Ethyl Acetate	6.91	43	367764	54.446	ug/l	99
38) Carbon Tetrachloride	7.75	117	299240	49.515	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	343146	48.695	ug/l	100
40) Benzene	8.02	78	915049	50.045	ug/l	99
41) Methacrylonitrile	7.19	41	536386	182.616	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	319418	50.936	ug/l	100
43) Isopropyl Acetate	8.15	43	569607	52.895	ug/l	99
44) Trichloroethene	8.82	130	221327	49.243	ug/l	98
45) 1,2-Dichloropropane	9.10	63	254101	51.165	ug/l	99
46) Dibromomethane	9.19	93	155152	50.134	ug/l	98
47) Bromodichloromethane	9.39	83	320660	51.889	ug/l	99
48) Methyl methacrylate	9.18	41	260630	54.109	ug/l	99
49) 1,4-Dioxane	9.19	88	94445	1103.308	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1852377	304.008	ug/l	100
52) Toluene	10.14	92	562178	51.298	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	361007	50.564	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	396295	51.601	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	228467	51.512	ug/l	99
56) Ethyl methacrylate	10.42	69	371692	50.237	ug/l	98
57) 1,3-Dichloropropane	10.70	76	395821	51.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	694821	281.495	ug/l	100
59) 2-Hexanone	10.74	43	1384082	295.946	ug/l	99
60) Dibromochloromethane	10.90	129	249528	53.212	ug/l	100
61) 1,2-Dibromoethane	11.00	107	233945	52.105	ug/l	99
64) Tetrachloroethene	10.63	164	192254	47.247	ug/l	99
65) Chlorobenzene	11.43	112	586972	50.317	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	229298	52.399	ug/l	99
67) Ethyl Benzene	11.51	91	1076553	52.014	ug/l	99
68) m/p-Xylenes	11.62	106	805725	103.925	ug/l	100
69) o-Xylene	11.95	106	380775	50.821	ug/l	99
70) Styrene	11.96	104	643210	54.585	ug/l	99
71) Bromoform	12.13	173	186670	54.841	ug/l #	99
73) Isopropylbenzene	12.25	105	1057508	49.972	ug/l	100
74) N-amyl acetate	12.07	43	481137	53.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	368565	51.142	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	491112	74.148	ug/l #	100
77) Bromobenzene	12.53	156	256516	48.246	ug/l	100
78) n-propylbenzene	12.59	91	1241353	51.231	ug/l	100
79) 2-Chlorotoluene	12.67	91	729297	48.518	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	900404	50.213	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	128819	51.370	ug/l	99
82) 4-Chlorotoluene	12.77	91	749059	49.685	ug/l	99
83) tert-Butylbenzene	12.99	119	767992	49.595	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	890980	51.357	ug/l	100
85) sec-Butylbenzene	13.17	105	1032050	51.245	ug/l	99
86) p-Isopropyltoluene	13.29	119	932498	52.439	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	456402	50.129	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	451566	49.572	ug/l	99
89) n-Butylbenzene	13.62	91	809527	52.013	ug/l	99
90) Hexachloroethane	13.88	117	172433	48.290	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	450744	50.328	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77503	53.902	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

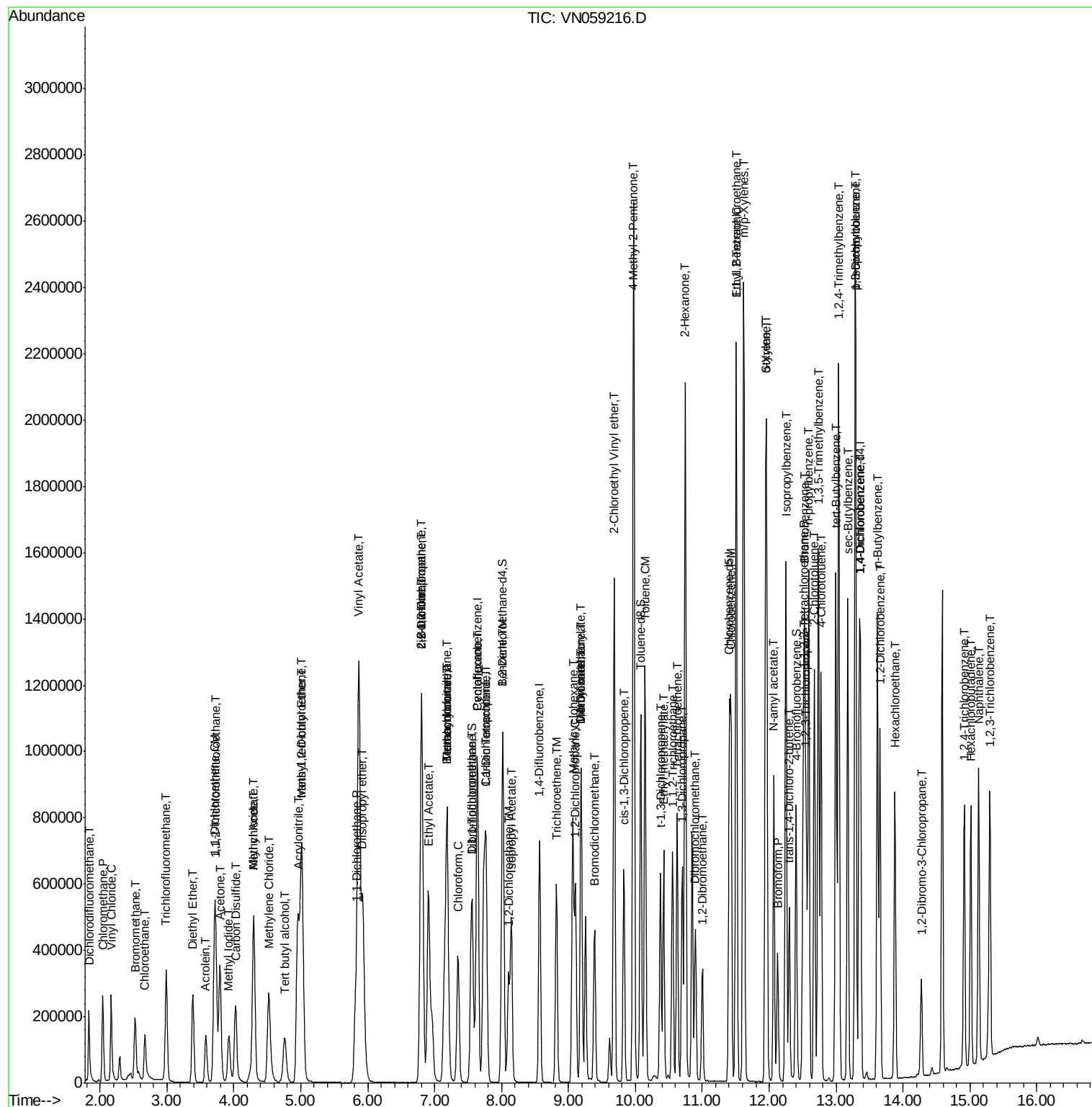
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	257239	47.502	ug/l	99
94) Hexachlorobutadiene	15.01	225	151673	49.115	ug/l	99
95) Naphthalene	15.13	128	730488	48.549	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	262315	52.262	ug/l	99

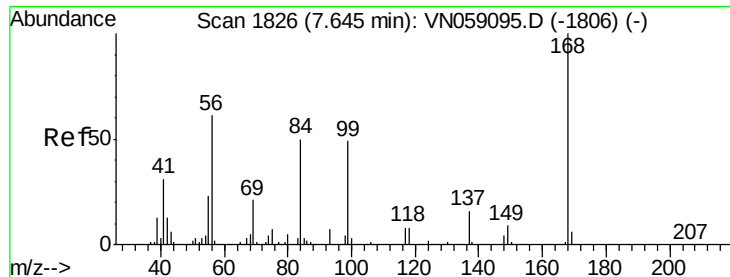
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111319\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

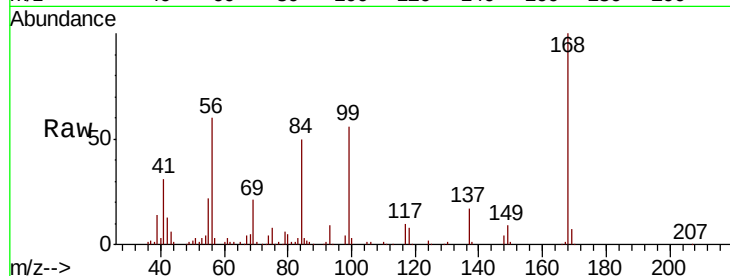
VSTDCCC050EC

Tot Ion:168 Resp: 414943

Ion Ratio Lower Upper

168 100

99 56.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

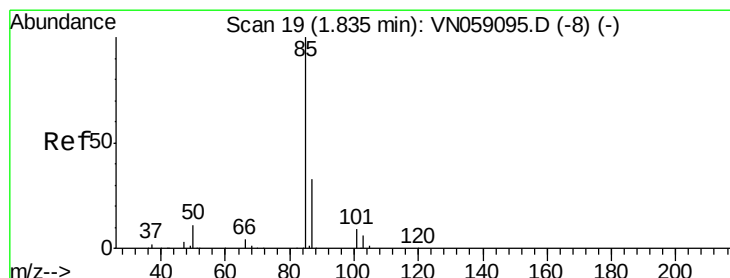
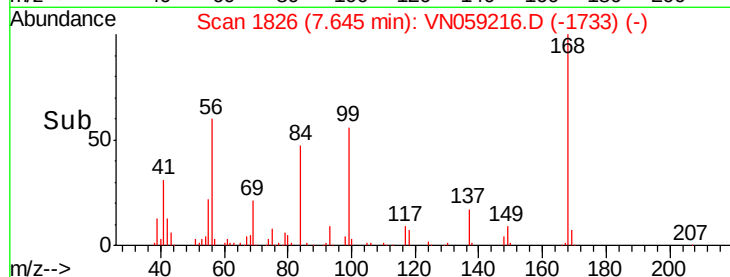
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.662 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059216.D

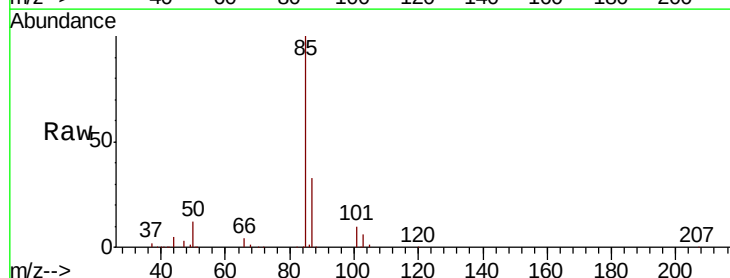
Acq: 13 Nov 2019 17:49

Tgt Ion: 85 Resp: 182538

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

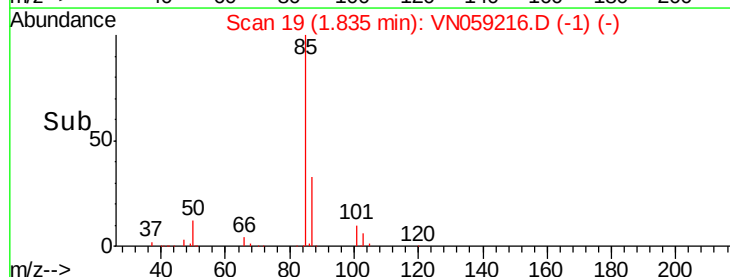
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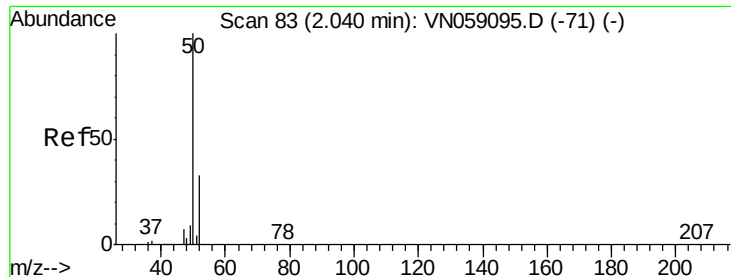
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.568 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

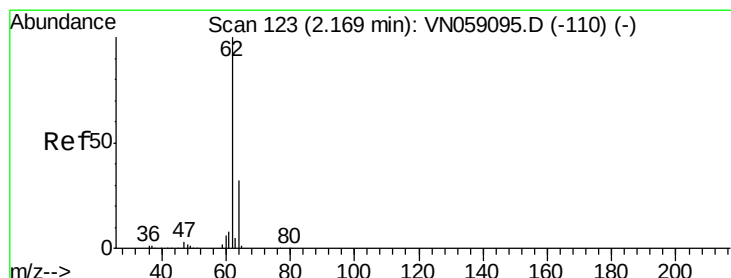
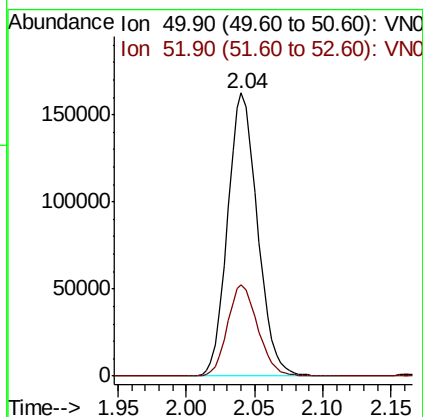
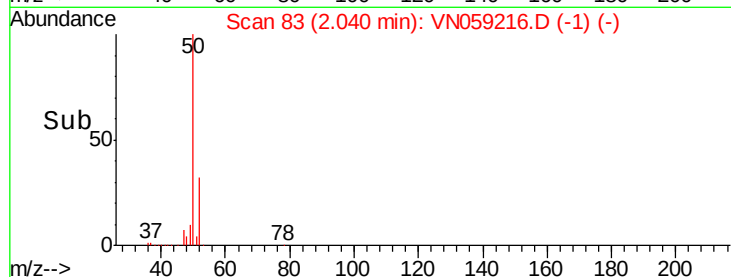
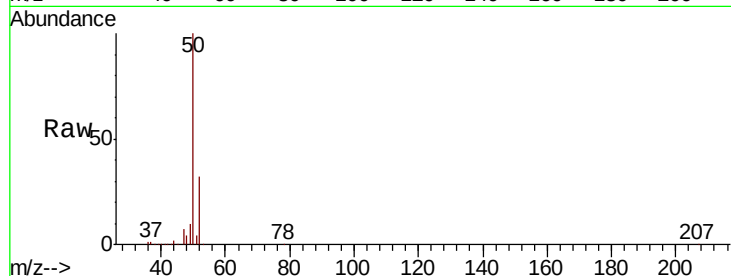
VSTDCCC050EC

Tot Ion: 50 Resp: 247600

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 45.995 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059216.D

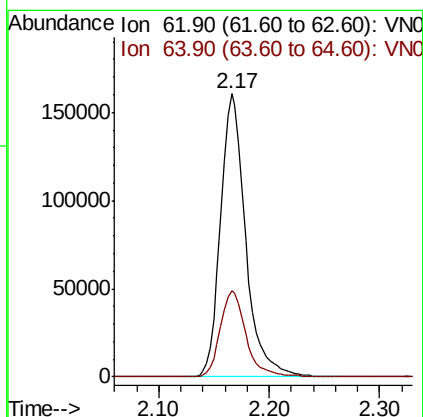
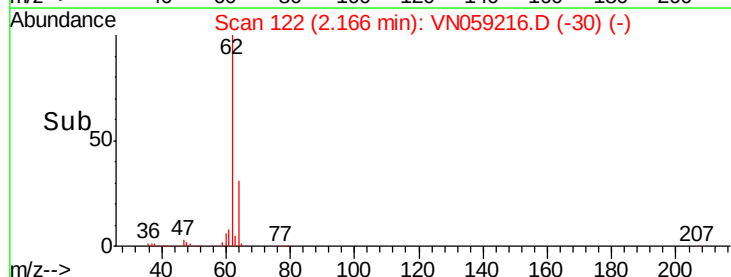
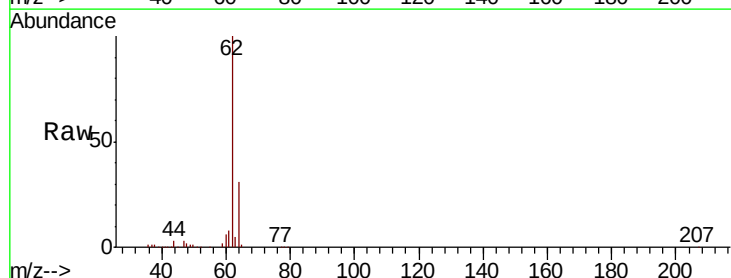
Acq: 13 Nov 2019 17:49

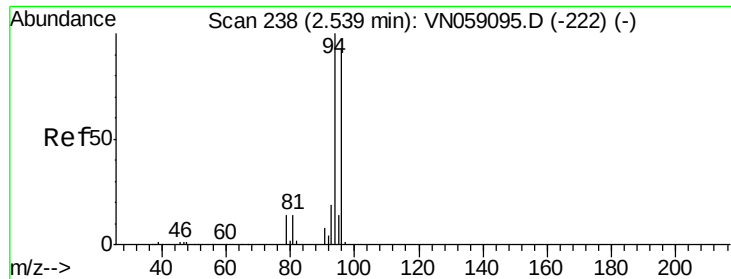
Tgt Ion: 62 Resp: 253422

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.2





#5

Bromomethane

Concen: 42.508 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

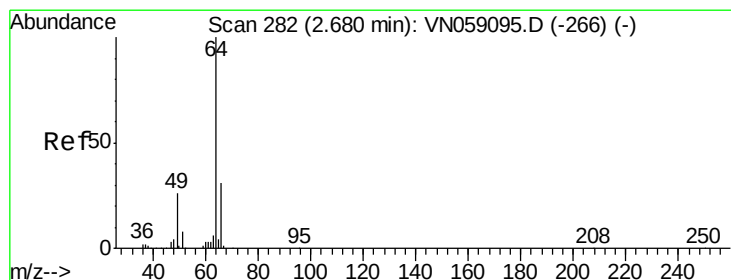
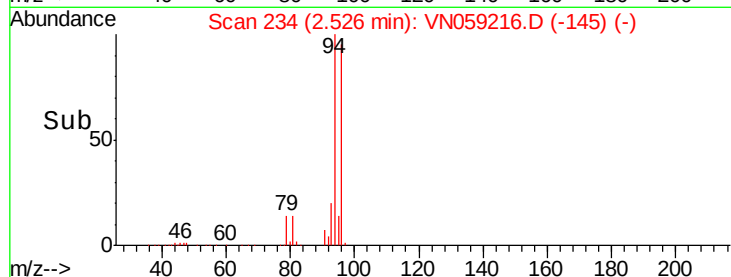
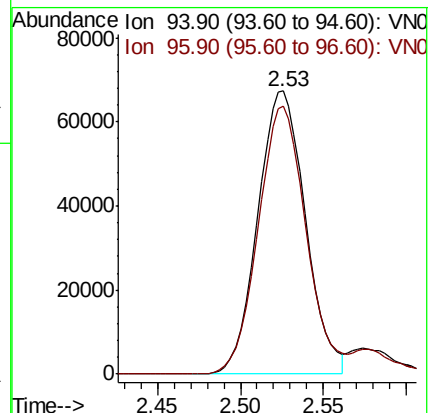
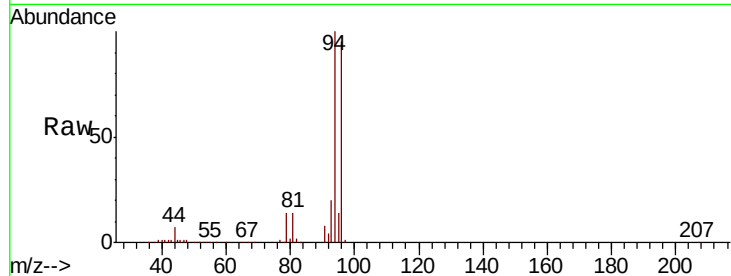
VSTDCCC050EC

Tot Ion: 94 Resp: 134779

Ion Ratio Lower Upper

94 100

96 94.5 74.2 111.2



#6

Chloroethane

Concen: 46.790 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN059216.D

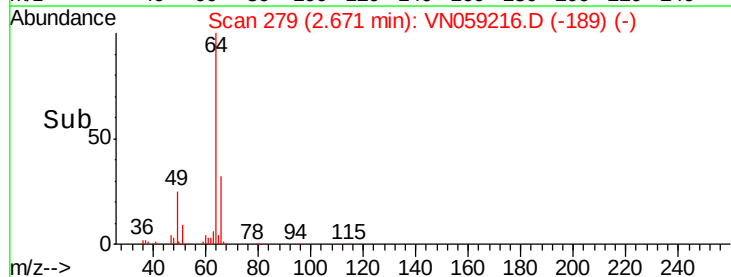
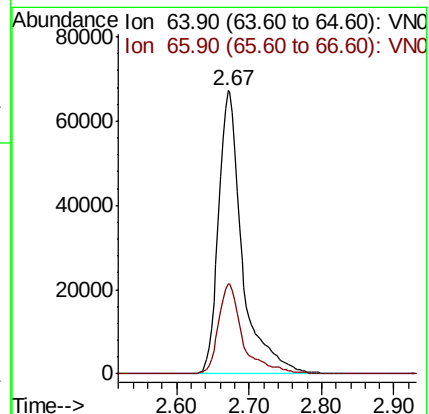
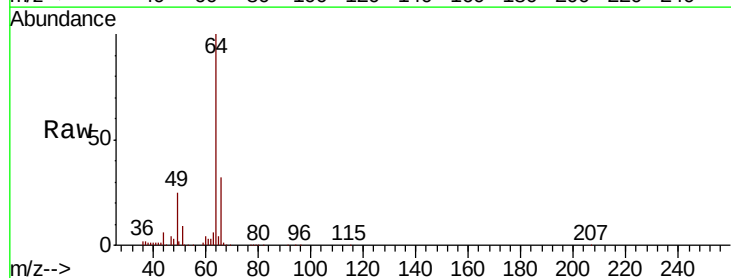
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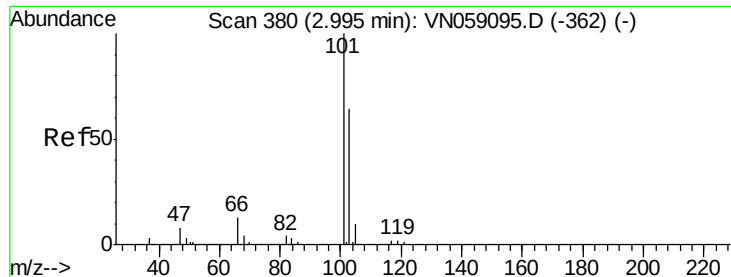
Tgt Ion: 64 Resp: 152502

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8



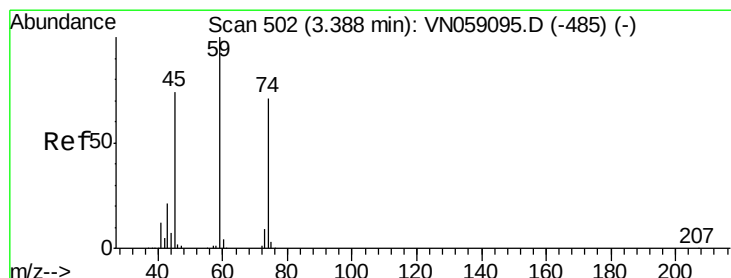
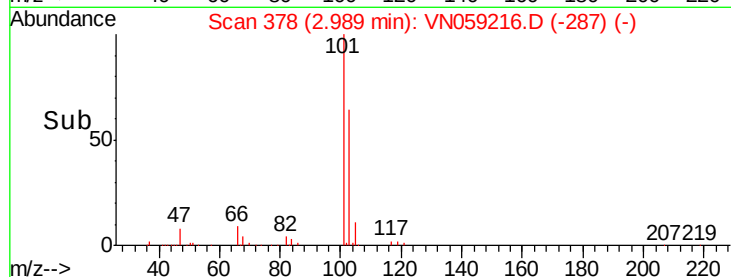
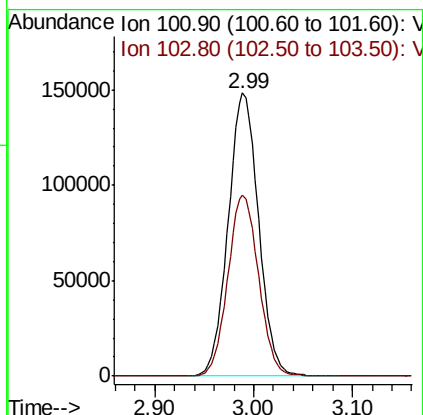
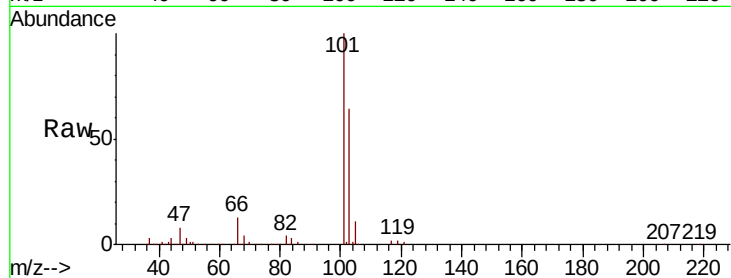


#7

Trichlorofluoromethane
 Concen: 48.424 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Instrument :
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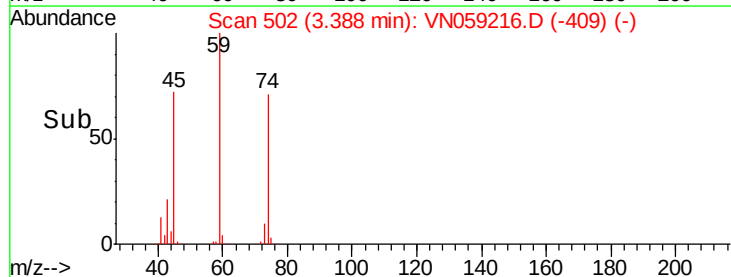
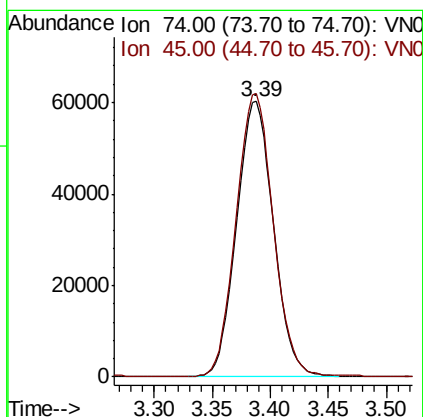
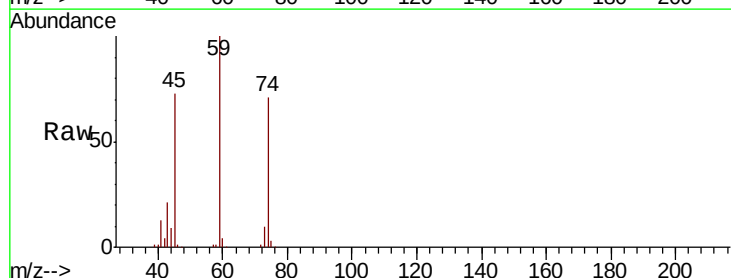
Tot Ion:101 Resp: 319131
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

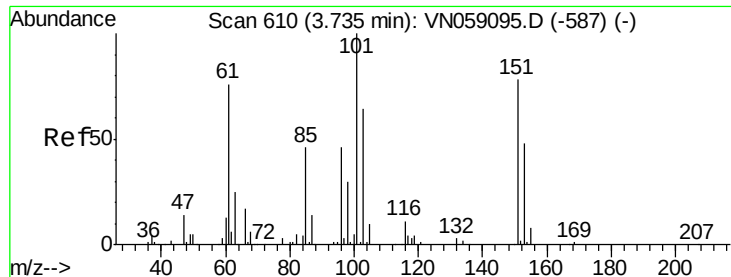


#8

Diethyl Ether
 Concen: 49.845 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Tgt Ion: 74 Resp: 133475
 Ion Ratio Lower Upper
 74 100
 45 104.1 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.023 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

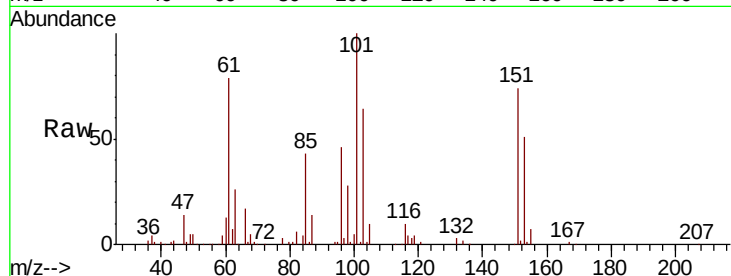
Tot Ion:101 Resp: 194797

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

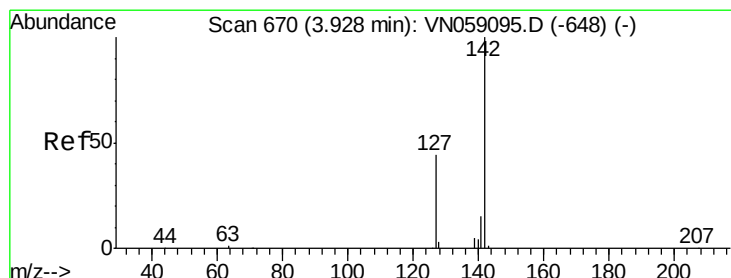
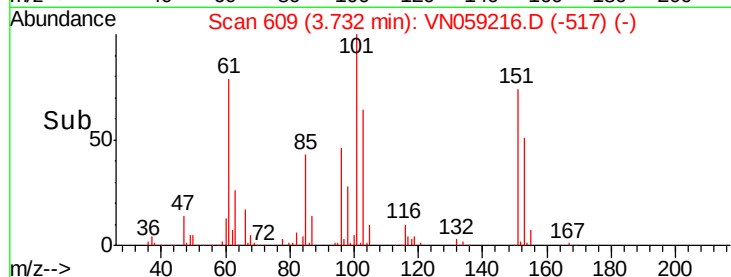
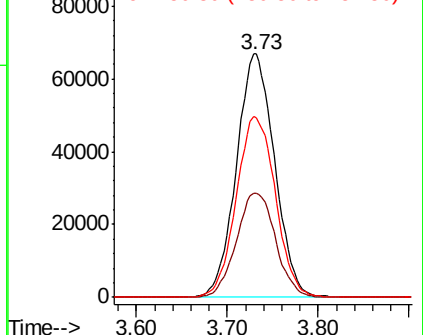
151 76.2 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.376 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

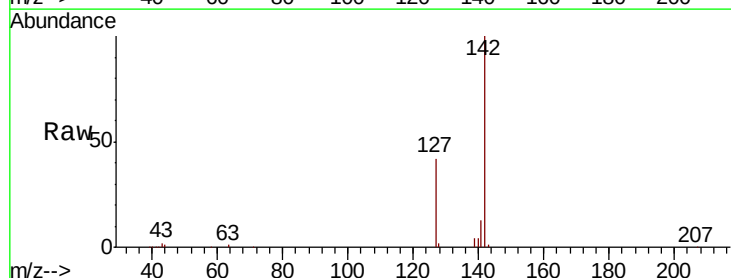
Tgt Ion:142 Resp: 242853

Ion Ratio Lower Upper

142 100

127 42.9 34.2 51.2

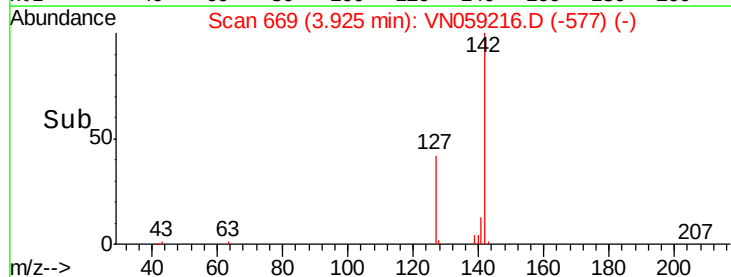
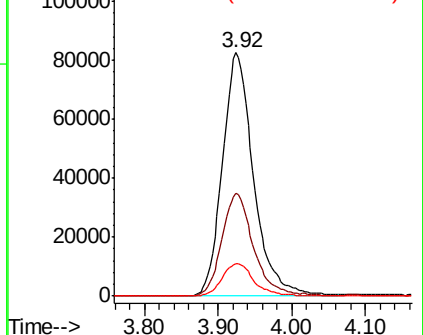
141 13.8 11.4 17.0

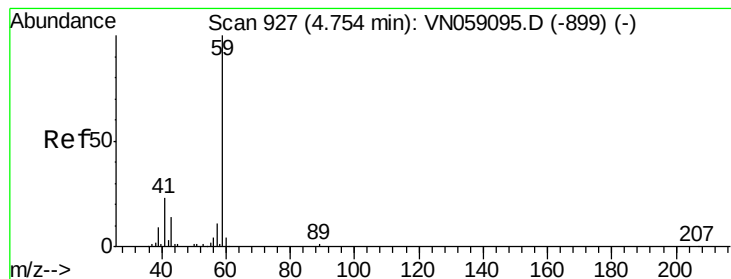


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



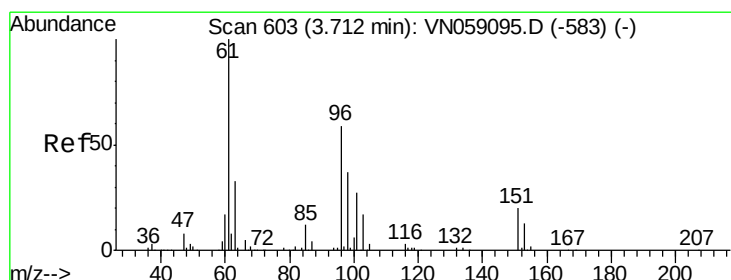
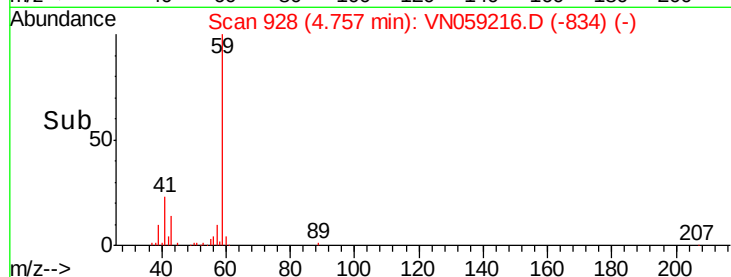
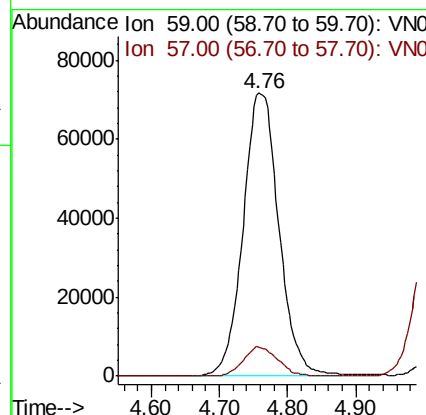
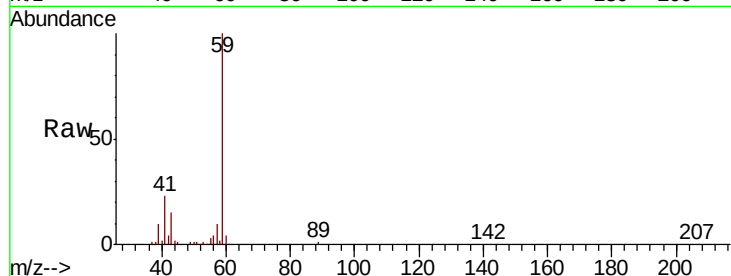


#11

Tert butyl alcohol
 Concen: 268.792 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

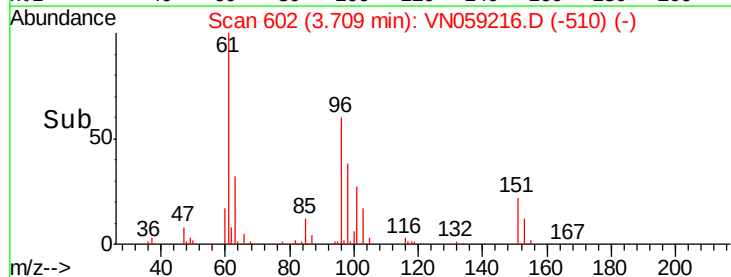
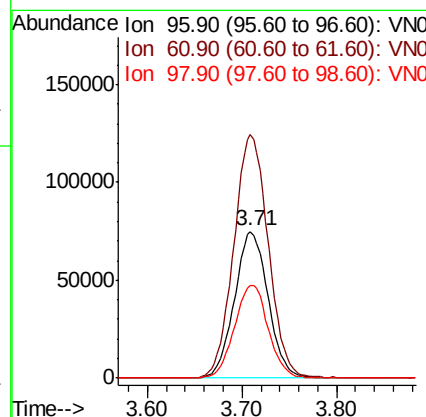
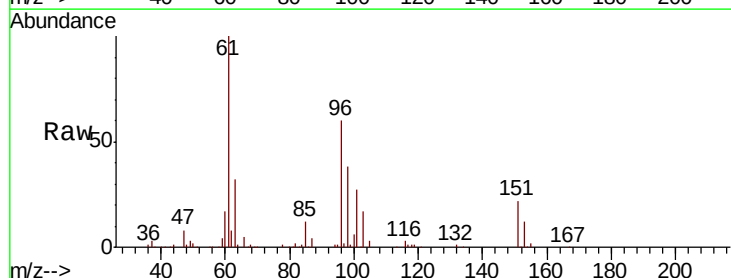
Tot Ion: 59 Resp: 261289
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

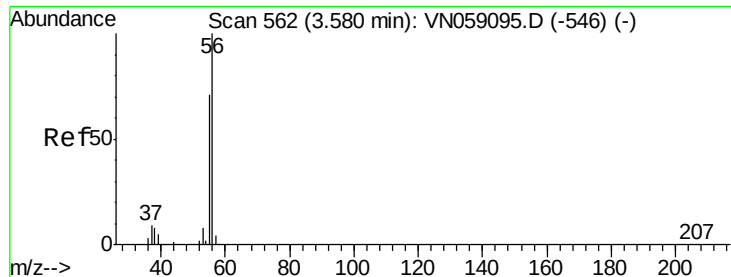


#12

1,1-Dichloroethene
 Concen: 47.849 ug/l
 RT: 3.71 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Tgt Ion: 96 Resp: 185213
 Ion Ratio Lower Upper
 96 100
 61 165.7 136.5 204.7
 98 63.3 50.2 75.4





#13

Acrolein

Concen: 315.678 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

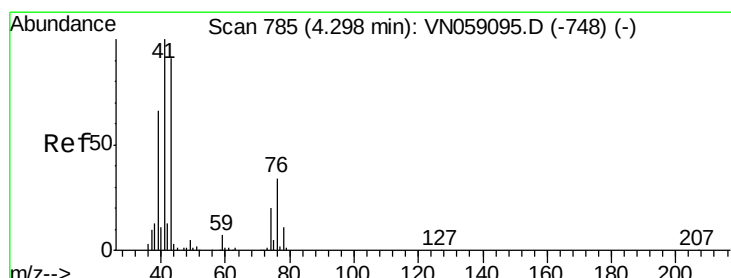
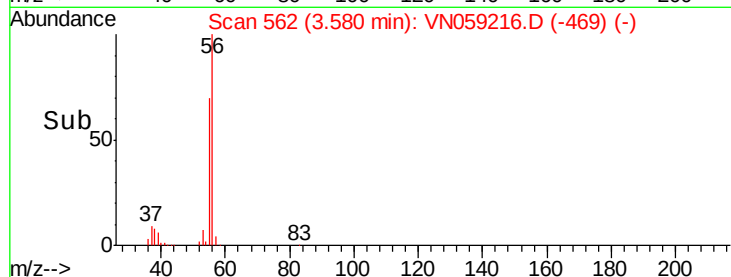
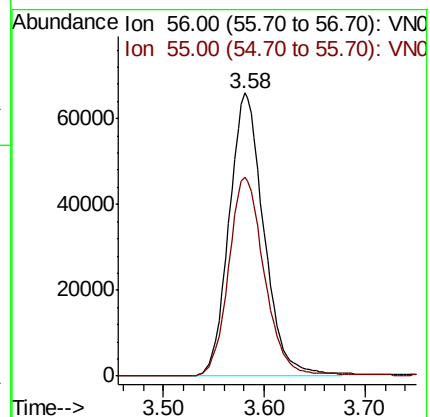
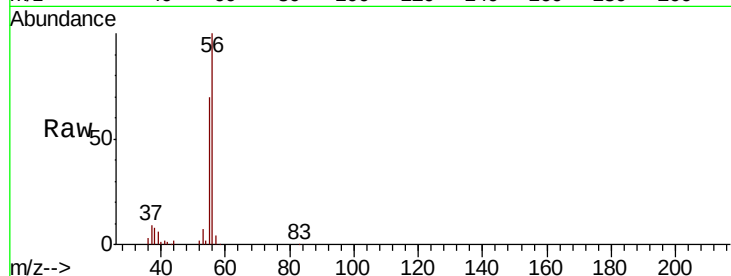
VSTDCCC050EC

Tot Ion: 56 Resp: 158214

Ion Ratio Lower Upper

56 100

55 72.5 56.4 84.6



#14

Allyl chloride

Concen: 47.719 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

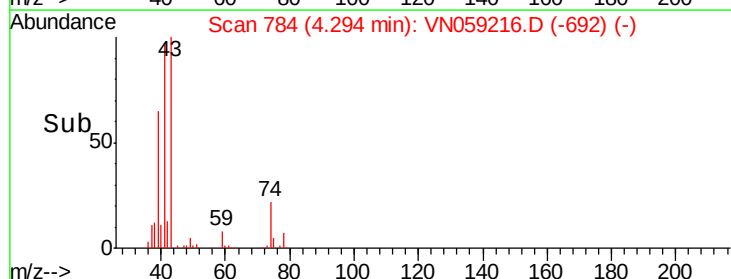
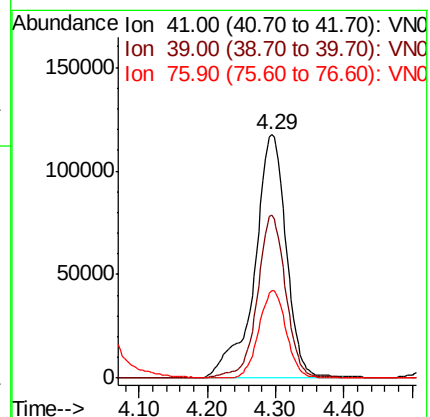
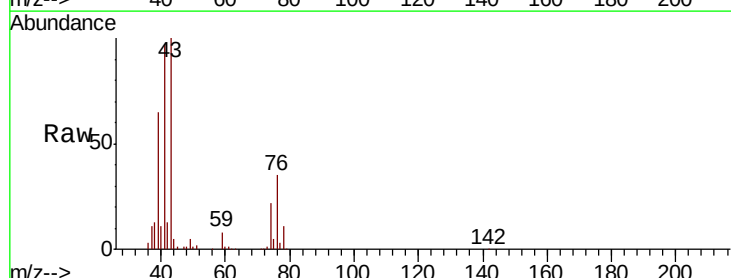
Tgt Ion: 41 Resp: 379416

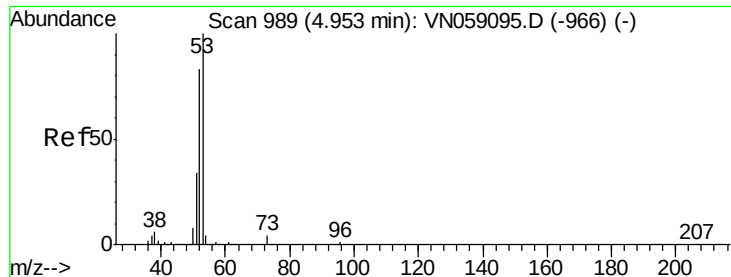
Ion Ratio Lower Upper

41 100

39 59.9 49.1 73.7

76 30.7 24.9 37.3





#15

Acrylonitrile

Concen: 273.354 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

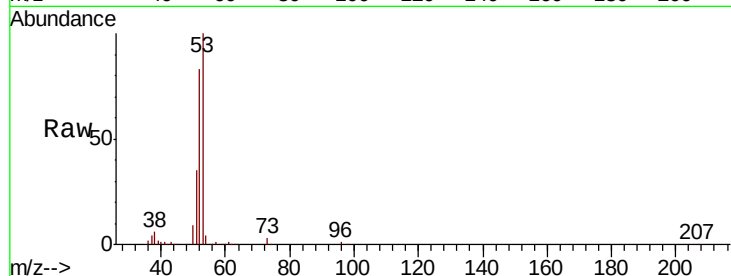
Tot Ion: 53 Resp: 661296

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.0	97.6
51	35.6	28.0	42.0

53 100

52 82.7 65.0 97.6

51 35.6 28.0 42.0

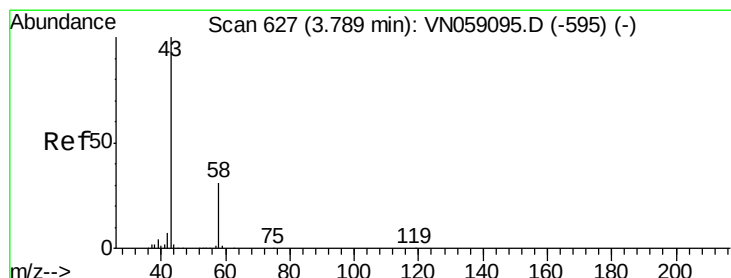
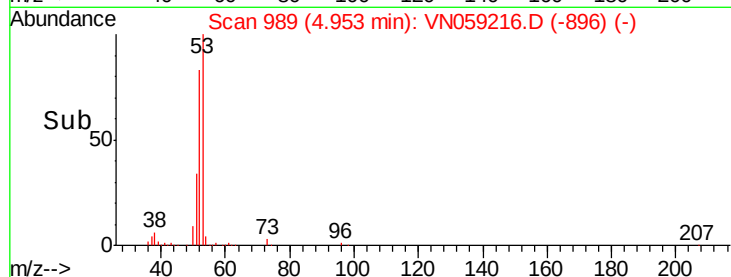
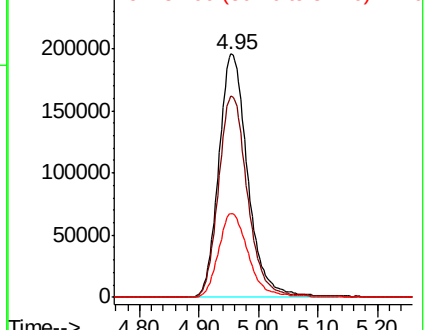


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 214.853 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059216.D

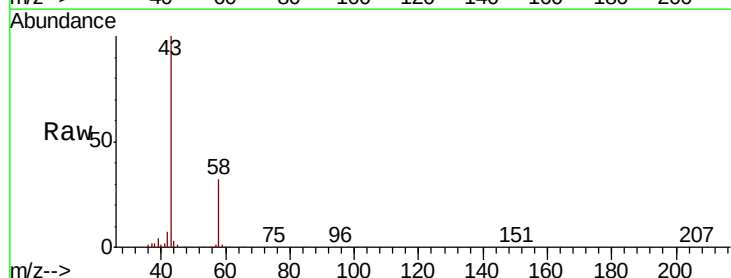
Acq: 13 Nov 2019 17:49

Tgt Ion: 43 Resp: 569891

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.9	37.3

43 100

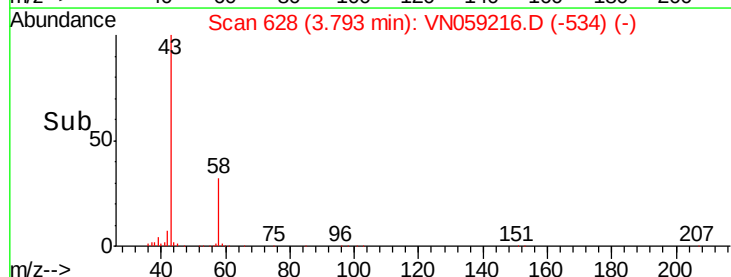
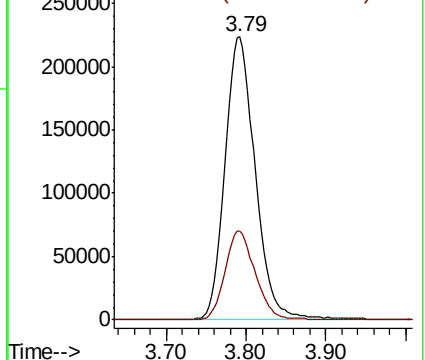
58 31.5 24.9 37.3

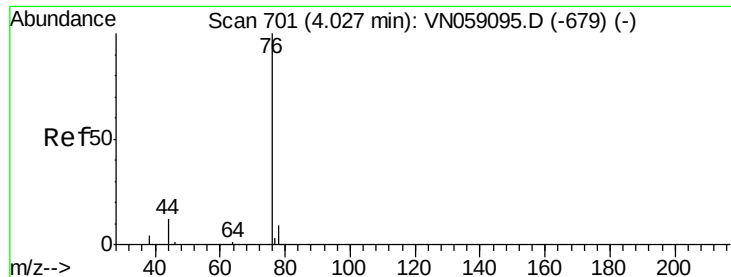


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 40.993 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

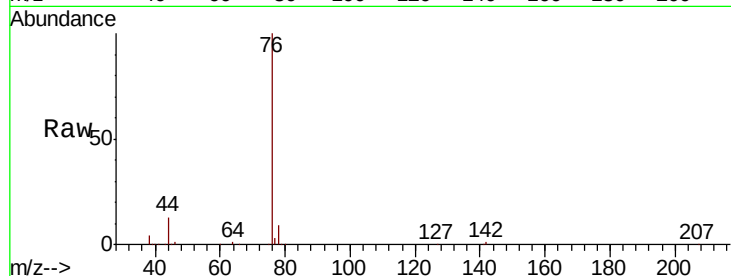
VSTDCCC050EC

Tot Ion: 76 Resp: 492560

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059216.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059216.D (-608) (-)

4.02

200000

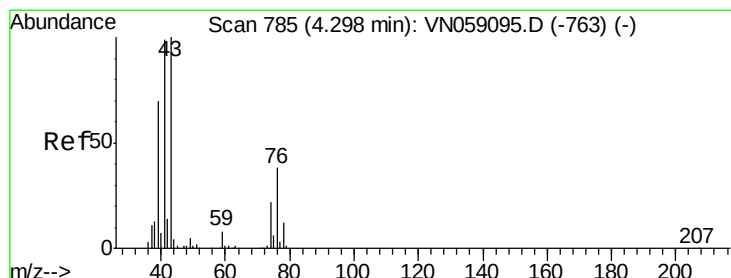
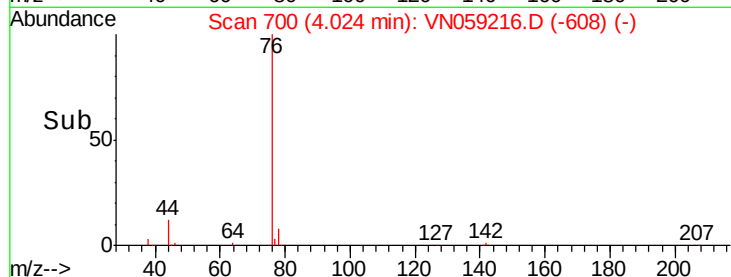
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.548 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059216.D

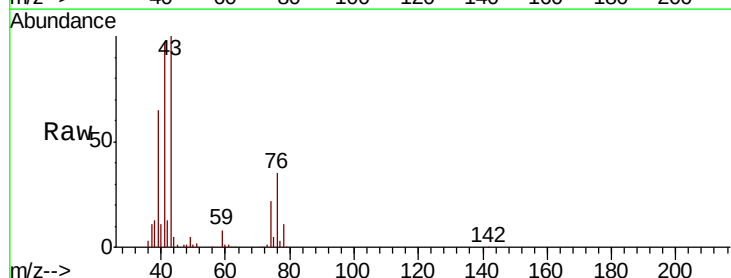
Acq: 13 Nov 2019 17:49

Tgt Ion: 43 Resp: 349721

Ion Ratio Lower Upper

43 100

74 22.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN059216.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN059216.D (-692) (-)

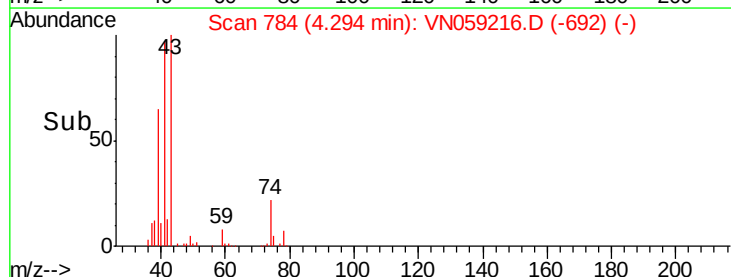
4.29

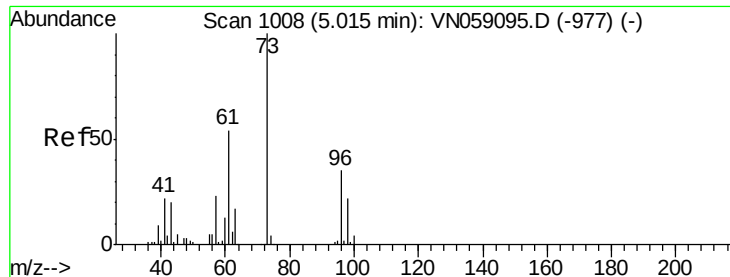
100000

50000

0

Time-->

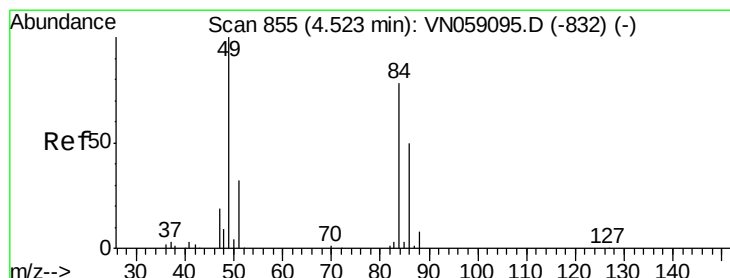
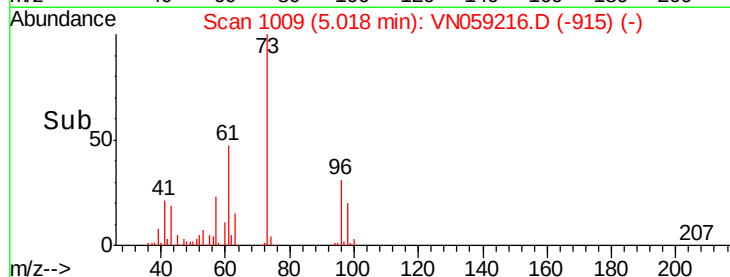
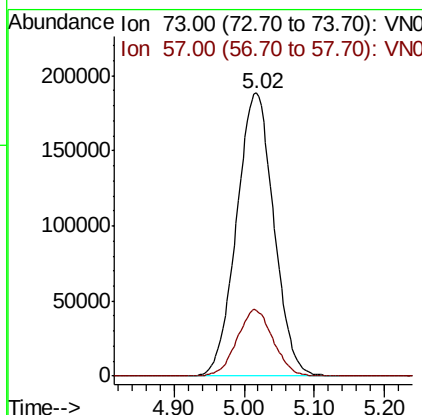
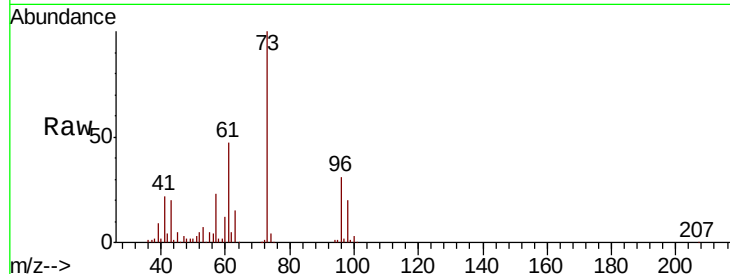




#19
Methyl tert-butyl Ether
Concen: 52.094 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

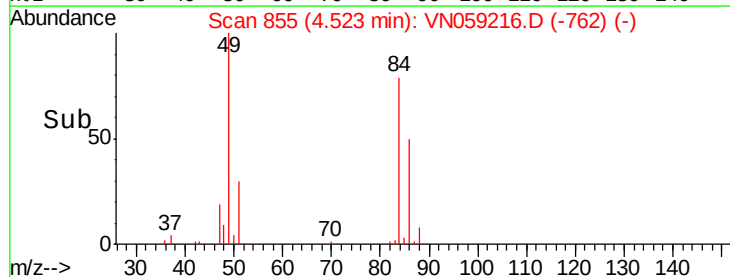
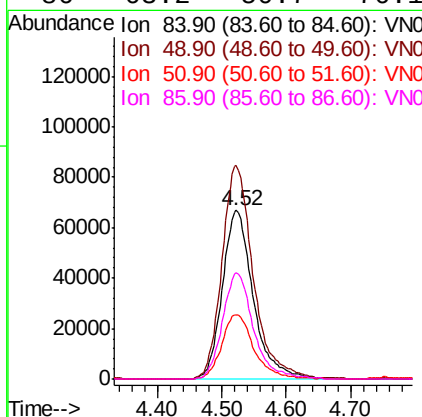
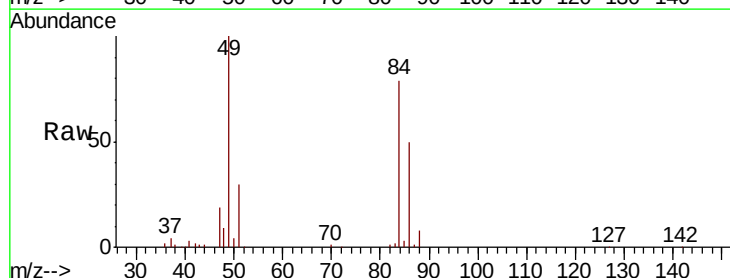
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

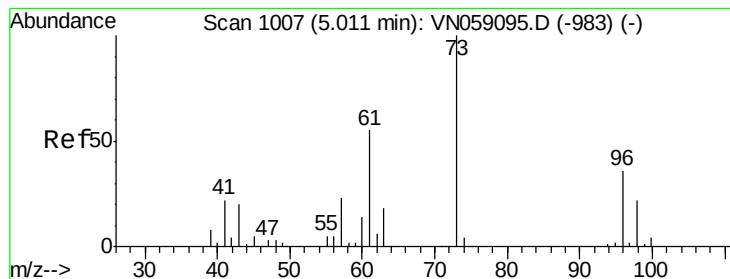
Tot Ion: 73 Resp: 694232
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6



#20
Methylene Chloride
Concen: 48.270 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 84 Resp: 223056
Ion Ratio Lower Upper
84 100
49 126.5 102.0 153.0
51 38.0 32.2 48.2
86 63.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.057 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

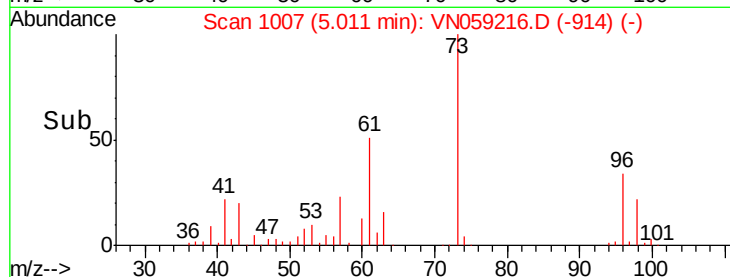
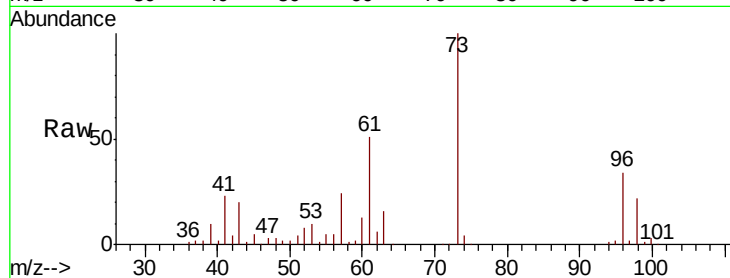
Tot Ion: 96 Resp: 199670

Ion Ratio Lower Upper

96 100

61 148.0 122.6 183.8

98 63.7 50.3 75.5

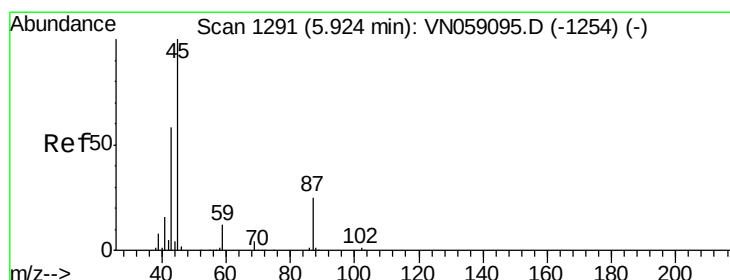
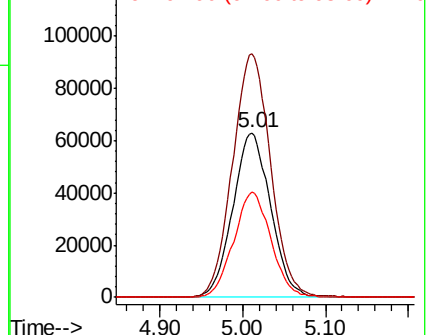


Abundance

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: 51.713 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Tgt Ion: 45 Resp: 776644

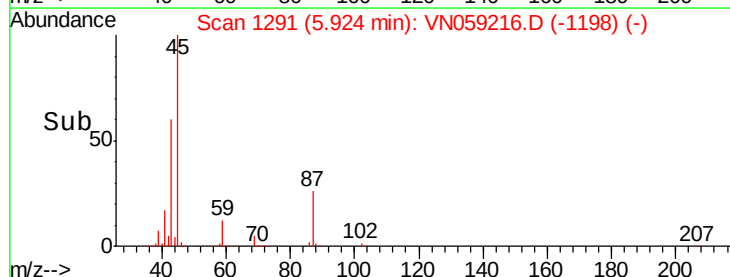
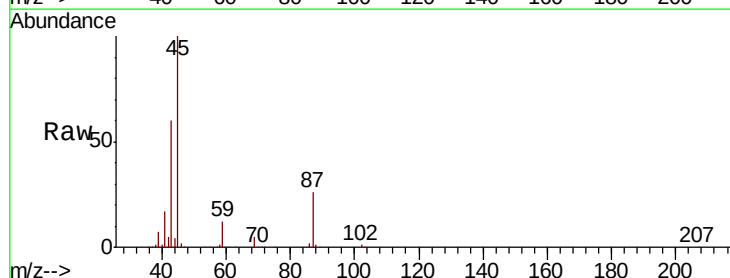
Ion Ratio Lower Upper

45 100

43 58.8 46.7 70.1

87 26.0 20.5 30.7

59 12.0 9.6 14.4



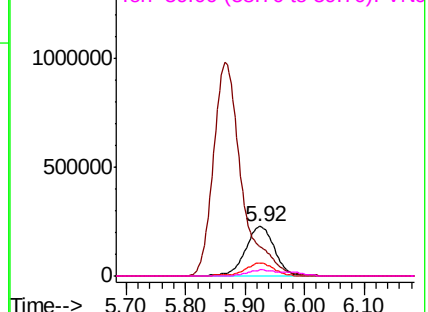
Abundance

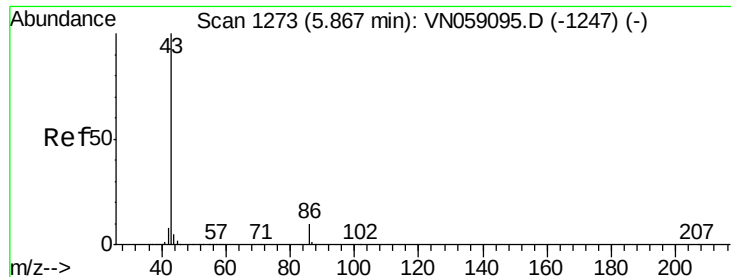
Ion 45.00 (44.70 to 45.70): VN0

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: 277.255 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

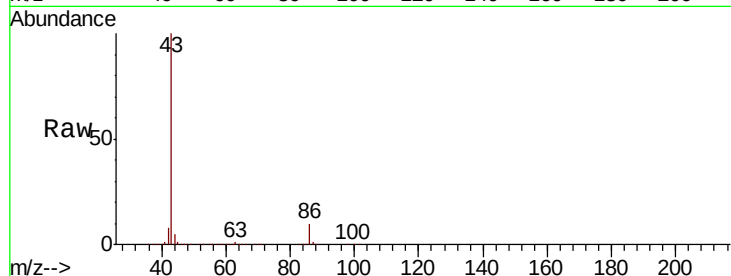
VSTDCCC050EC

Tot Ion: 43 Resp: 3227115

Ion Ratio Lower Upper

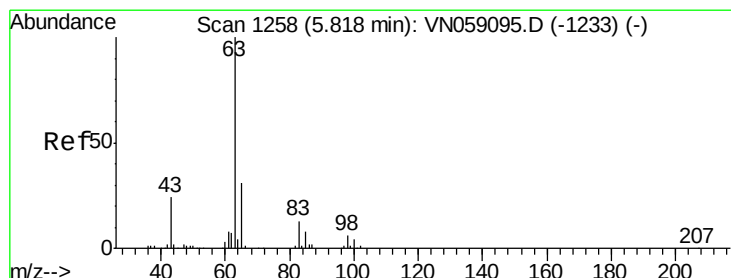
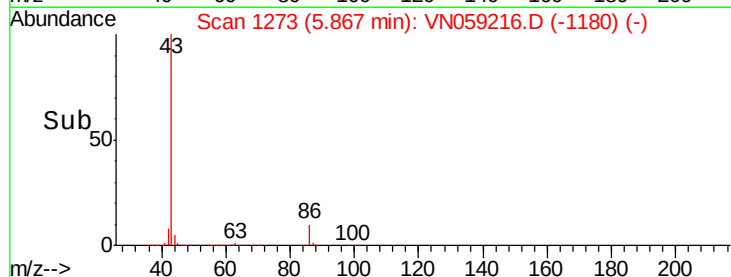
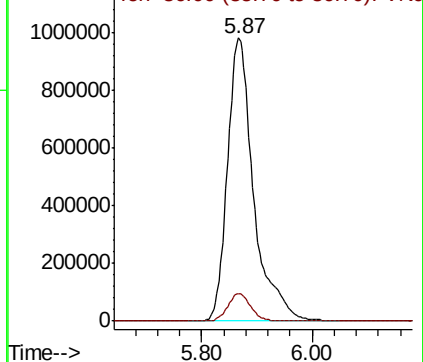
43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.882 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

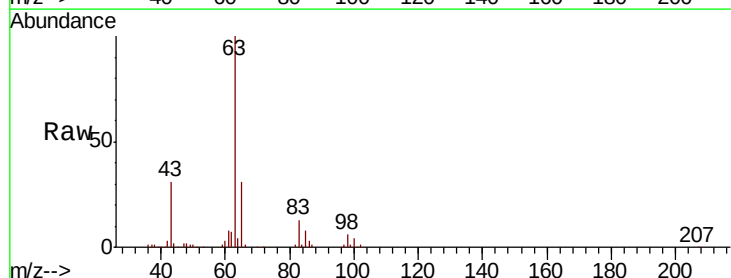
Tgt Ion: 63 Resp: 418421

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

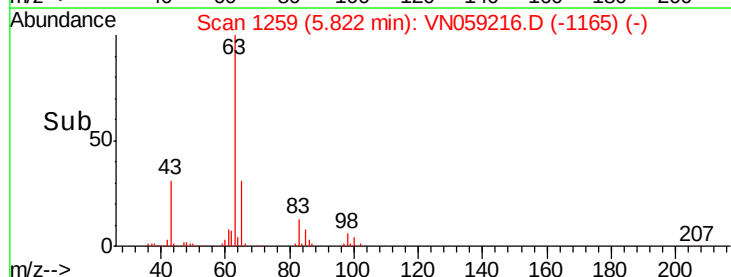
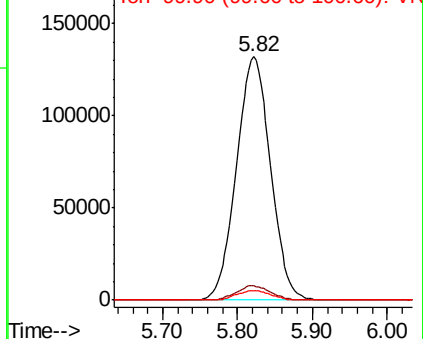
100 4.0 1.9 5.7

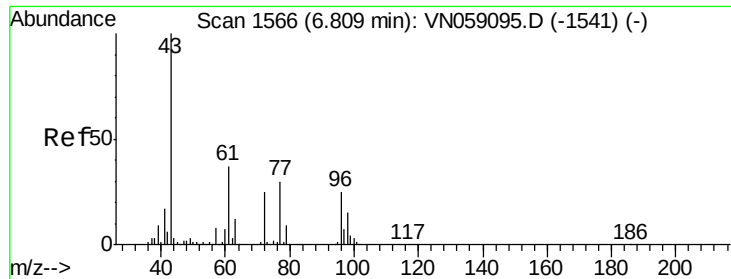


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 262.501 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

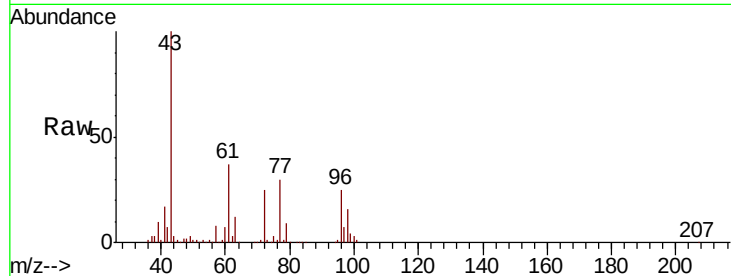
VSTDCCC050EC

Tot Ion: 43 Resp: 917651

Ion Ratio Lower Upper

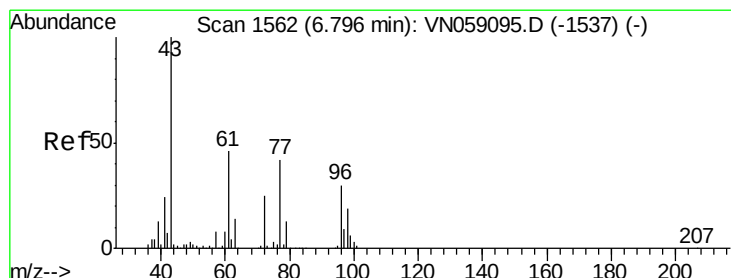
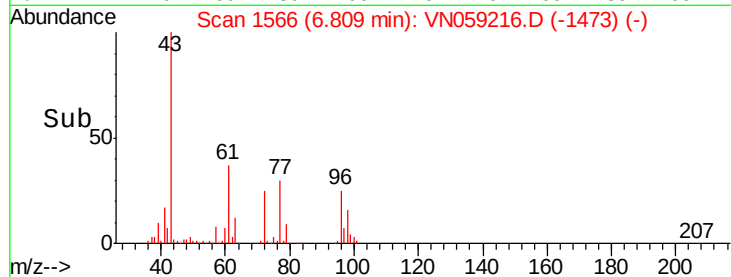
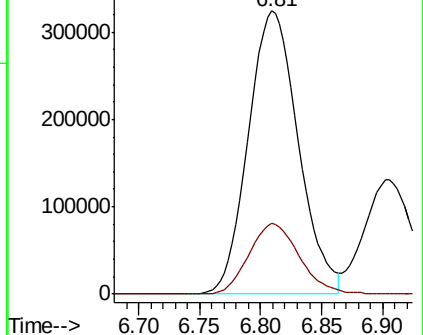
43 100

72 25.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN059216.D (-1473) (-)

Ion 72.00 (71.70 to 72.70): VN059216.D (-1473) (-)



#26

2,2-Dichloropropane

Concen: 47.227 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059216.D

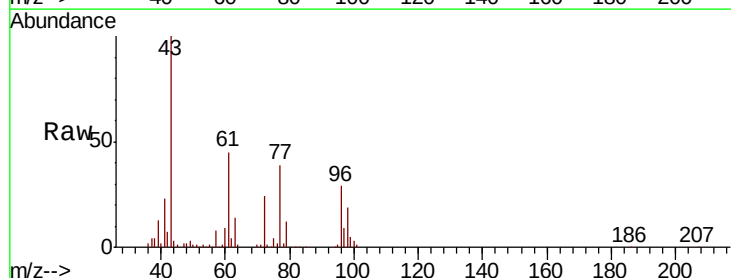
Acq: 13 Nov 2019 17:49

Tgt Ion: 77 Resp: 346396

Ion Ratio Lower Upper

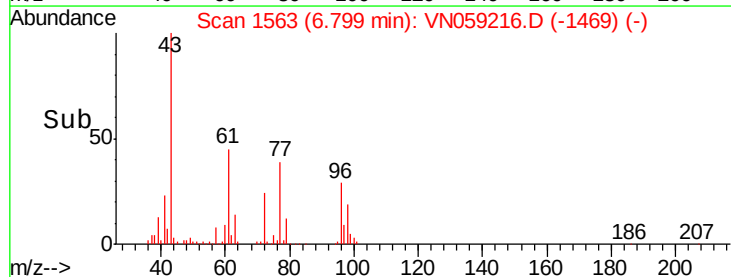
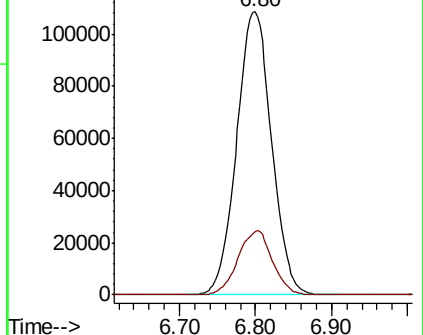
77 100

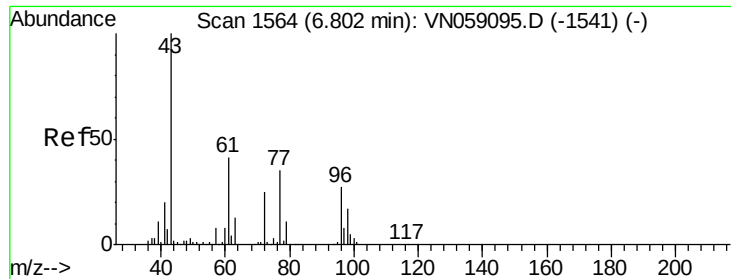
97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN059216.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN059216.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 49.439 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

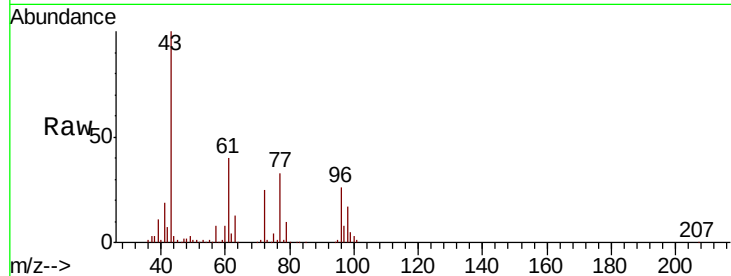
Tot Ion: 96 Resp: 238312

Ion Ratio Lower Upper

96 100

61 155.4 0.0 311.6

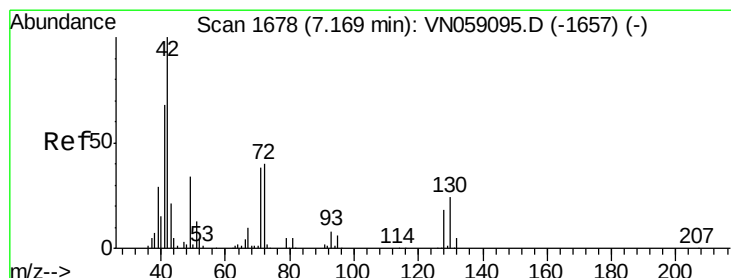
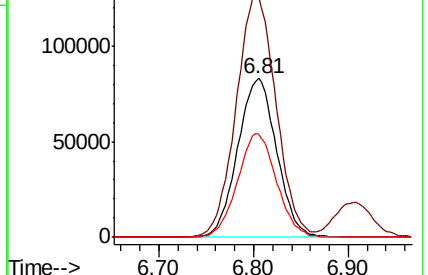
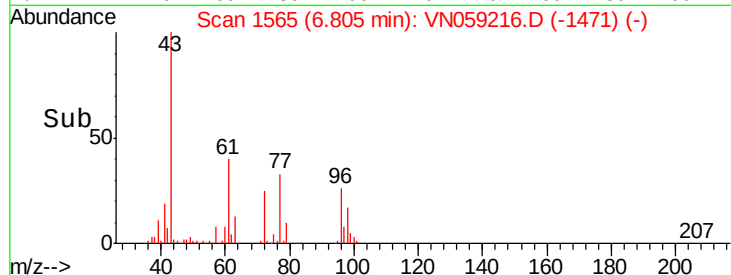
98 65.3 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN059216.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN059216.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN059216.D (-1541) (-)



#28

Bromochloromethane

Concen: 47.024 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

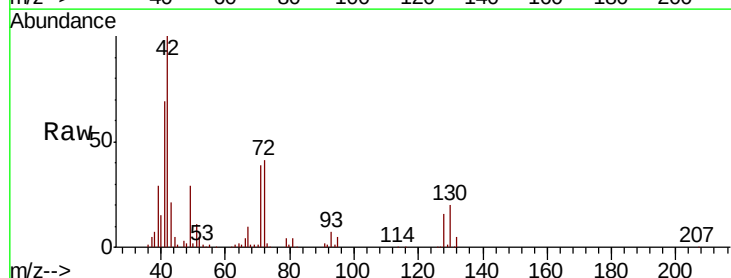
Tgt Ion: 49 Resp: 118672

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

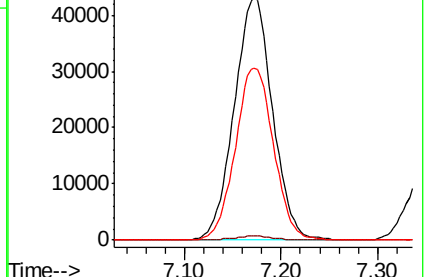
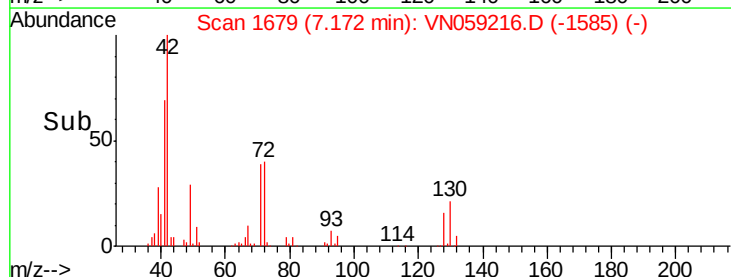
130 70.8 55.6 83.4

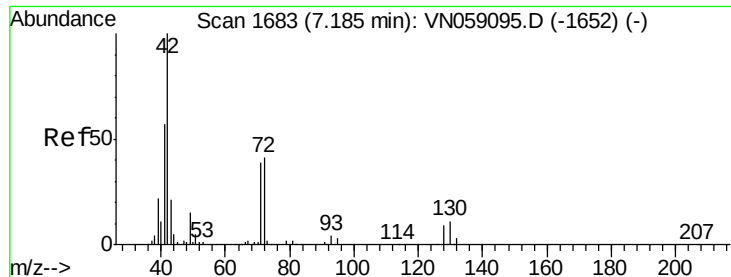


Abundance Ion 48.90 (48.60 to 49.60): VN059216.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059216.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059216.D (-1585) (-)





#29

Tetrahydrofuran

Concen: 279.242 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

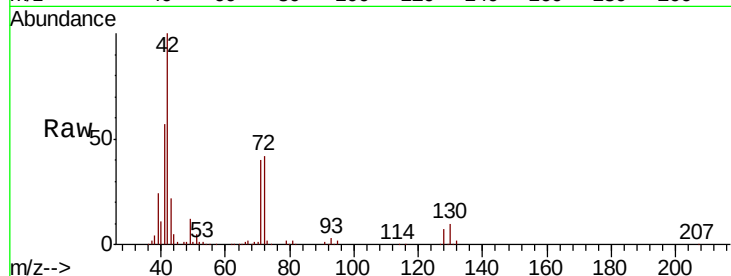
Tot Ion: 42 Resp: 620261

Ion Ratio Lower Upper

42 100

72 41.4 33.1 49.7

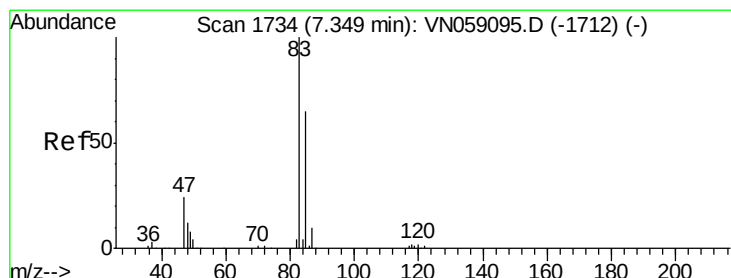
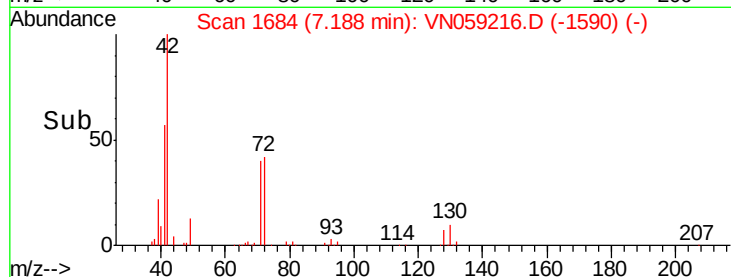
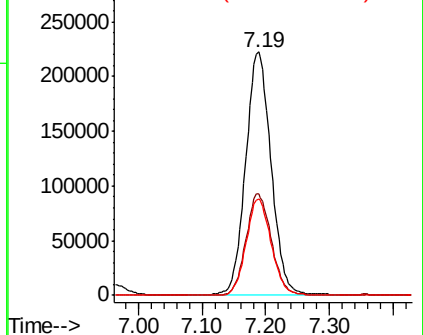
71 38.9 30.9 46.3



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: 50.337 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN059216.D

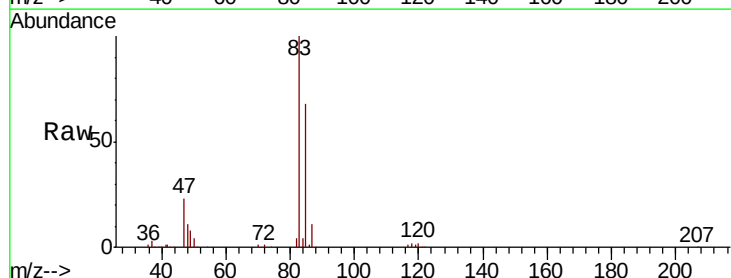
Acq: 13 Nov 2019 17:49

Tgt Ion: 83 Resp: 405037

Ion Ratio Lower Upper

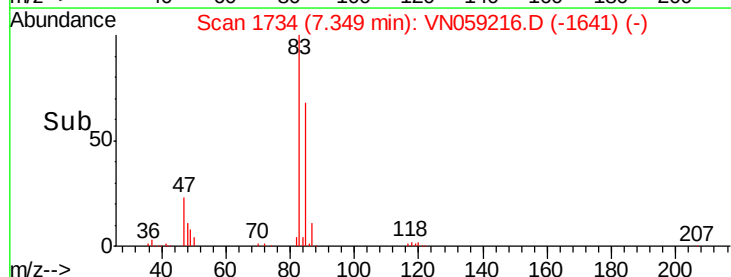
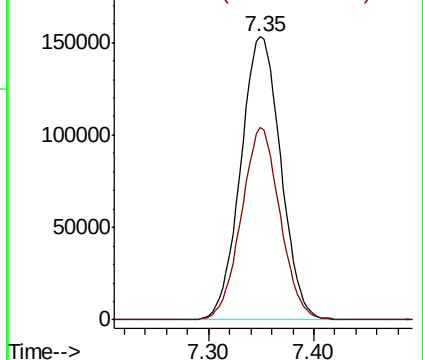
83 100

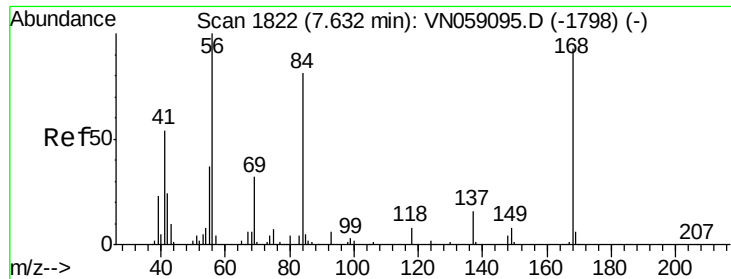
85 68.0 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

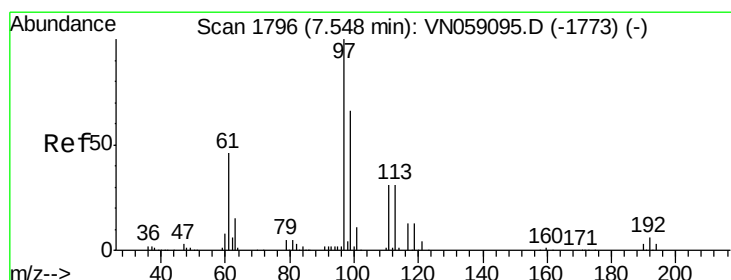
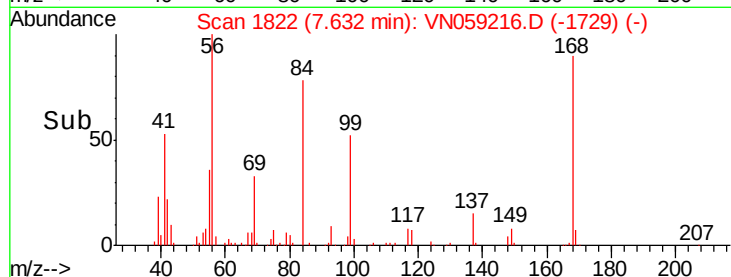
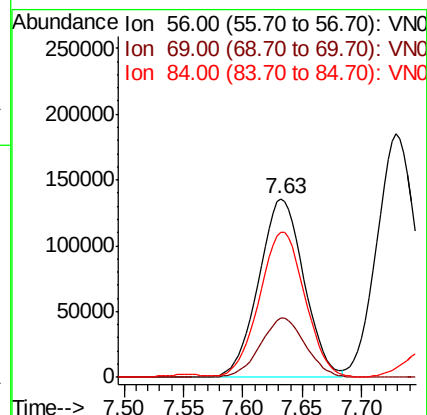
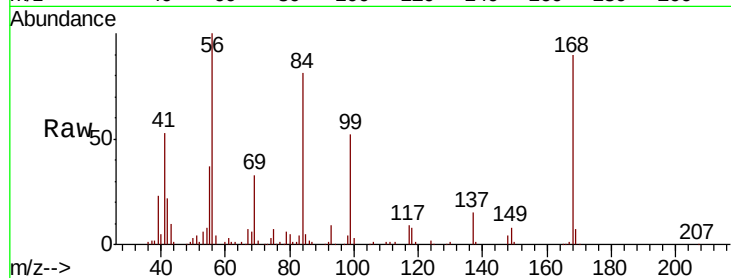




#31
Cyclohexane
Concen: 45.018 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

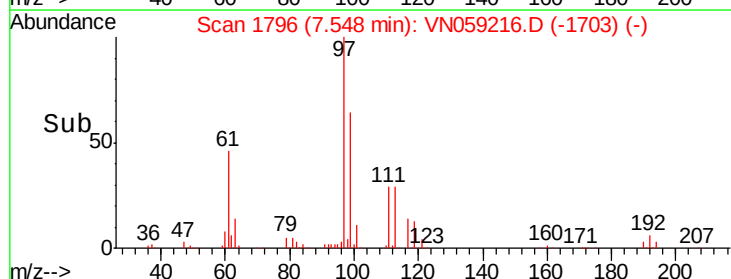
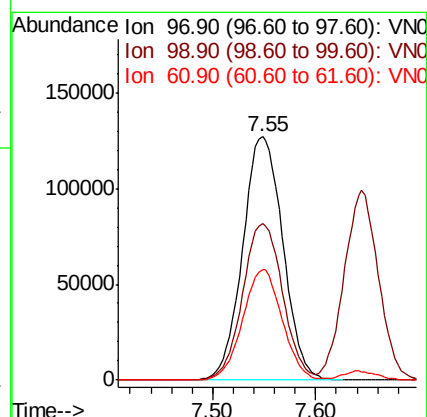
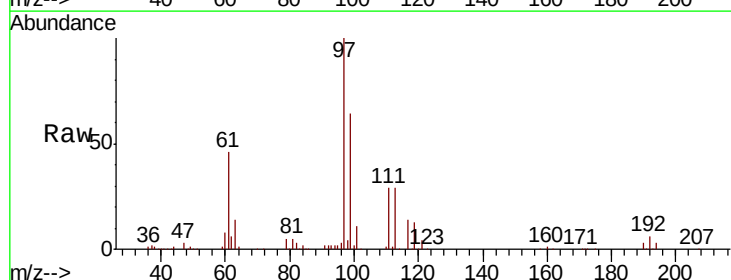
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

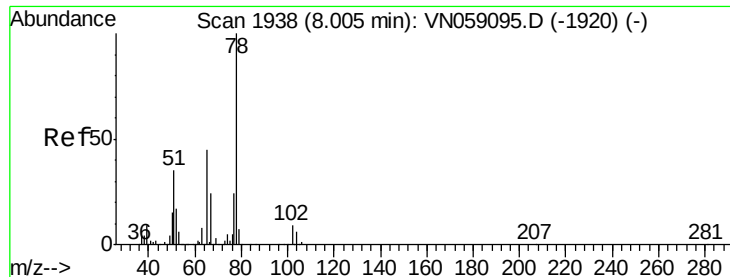
Tot Ion: 56 Resp: 357483
Ion Ratio Lower Upper
56 100
69 33.0 25.8 38.8
84 79.8 65.0 97.4



#32
1,1,1-Trichloroethane
Concen: 50.927 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 97 Resp: 344530
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 44.7 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.185 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

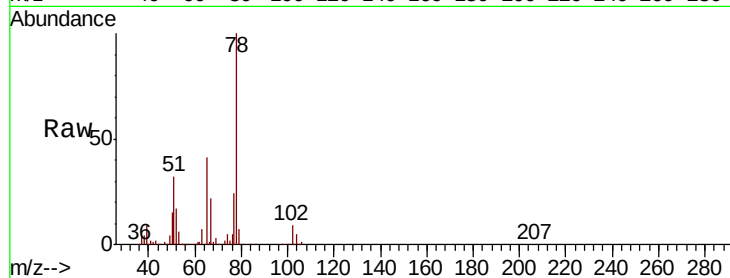
VSTDCCC050EC

Tot Ion: 65 Resp: 255981

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059216.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059216.D (-1845) (-)

8.01

120000

100000

80000

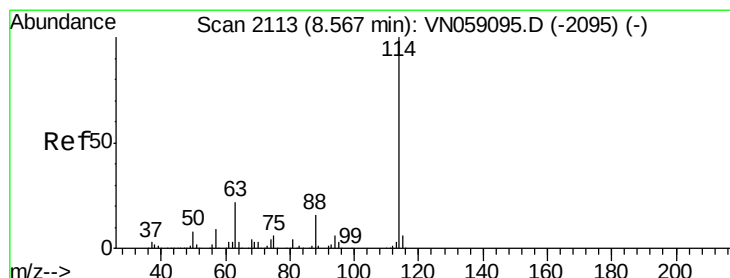
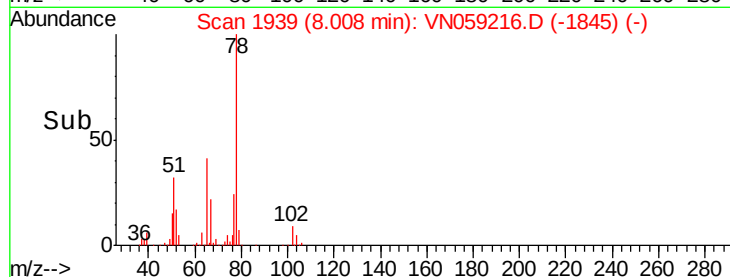
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

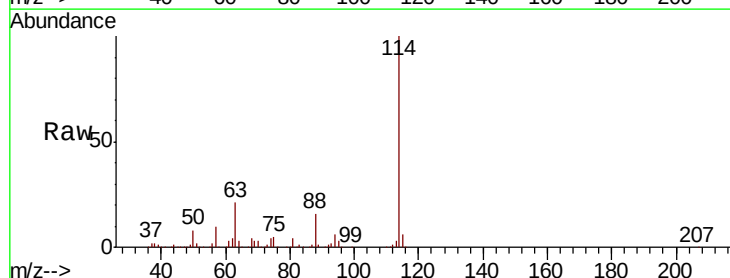
Tgt Ion: 114 Resp: 649593

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.4

88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059216.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059216.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059216.D (-2020) (-)

8.57

400000

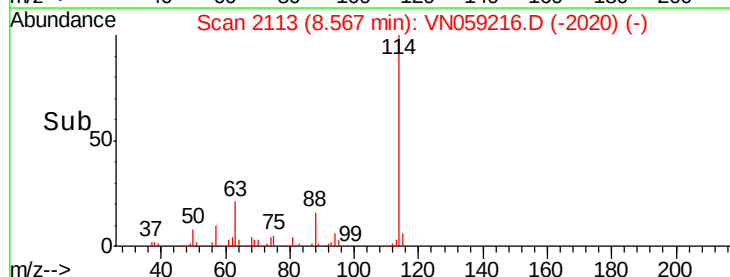
300000

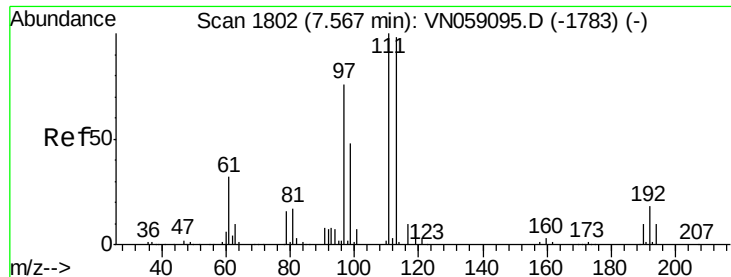
200000

100000

0

Time-->

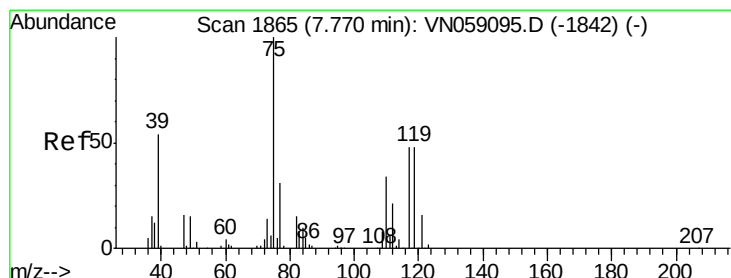
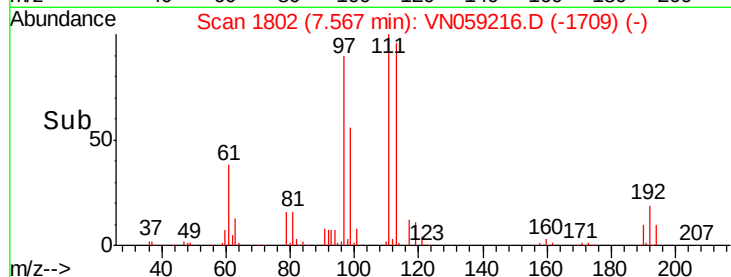
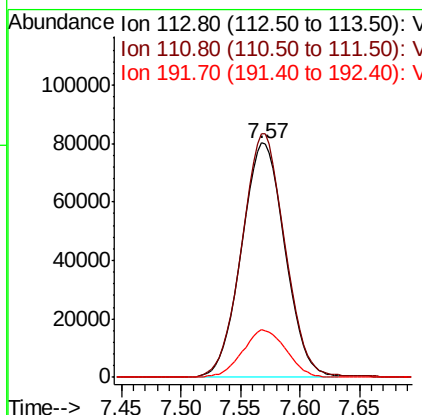
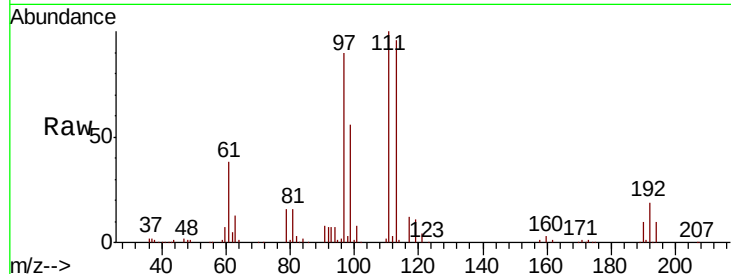




#35
Dibromofluoromethane
Concen: 52.269 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

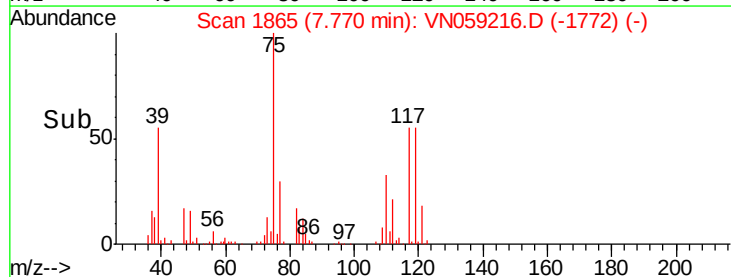
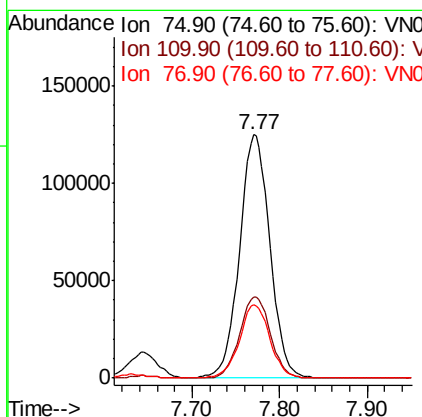
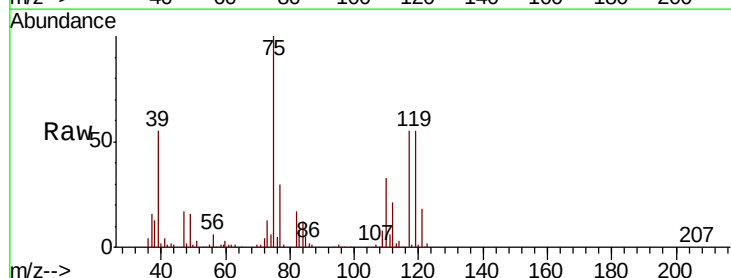
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

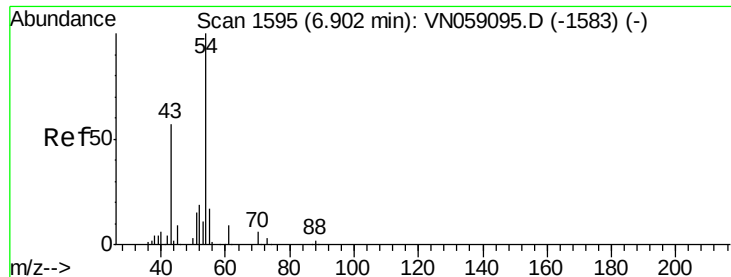
Tot Ion:113 Resp: 202737
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.3 16.1 24.1



#36
1,1-Dichloropropene
Concen: 49.291 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 75 Resp: 299284
Ion Ratio Lower Upper
75 100
110 33.9 17.1 51.2
77 30.4 24.8 37.2

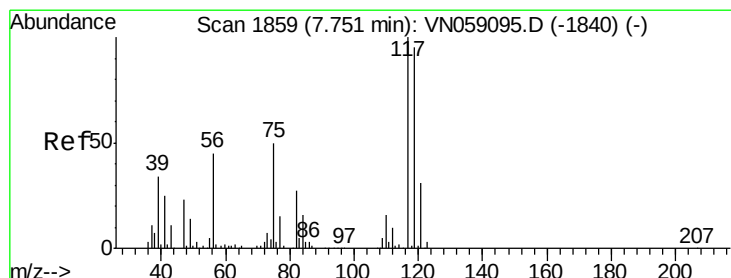
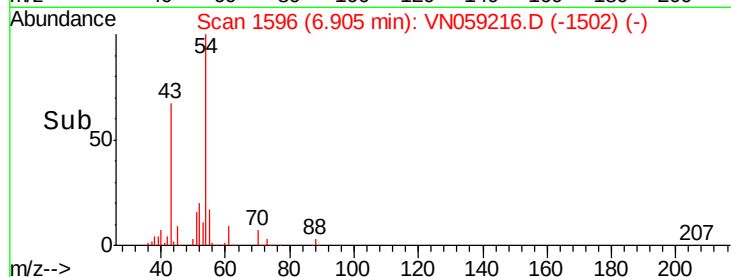
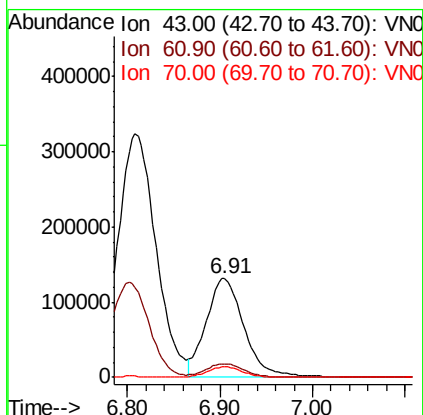
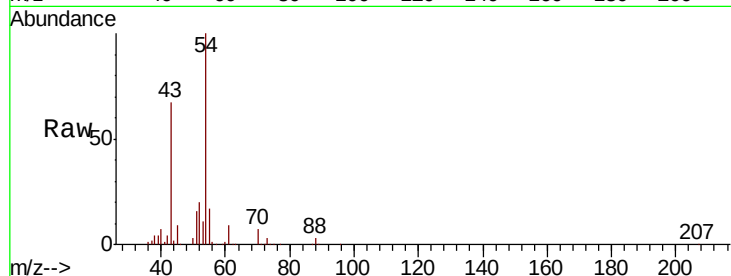




#37
Ethyl Acetate
Concen: 54.446 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

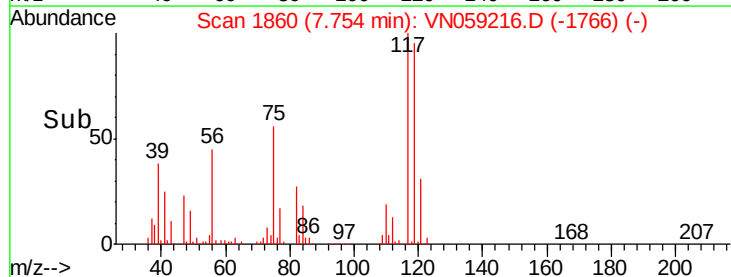
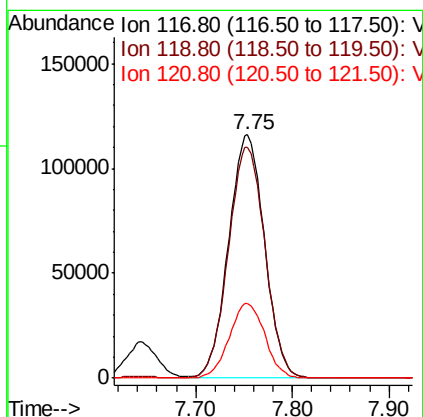
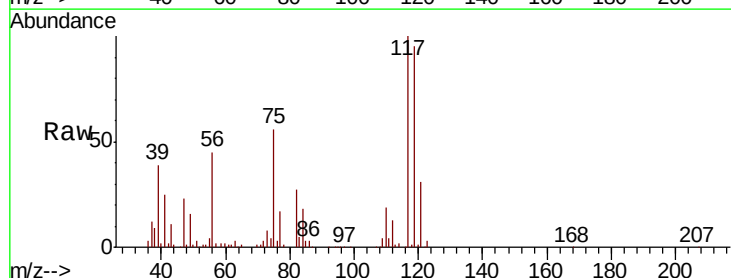
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

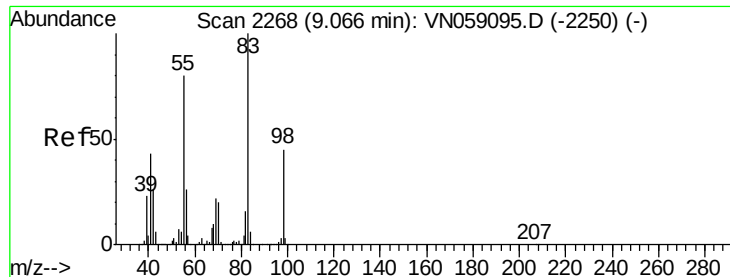
Tot Ion: 43 Resp: 367764
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.515 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 117 Resp: 299240
Ion Ratio Lower Upper
117 100
119 94.7 75.6 113.4
121 30.8 24.6 36.8

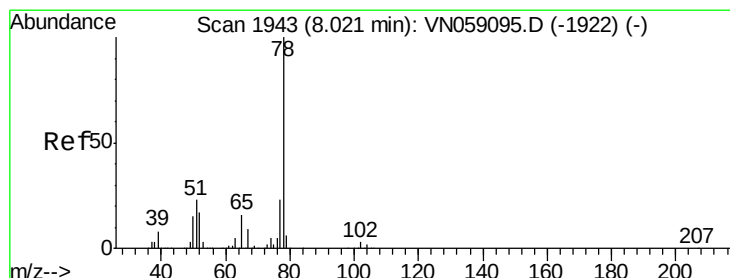
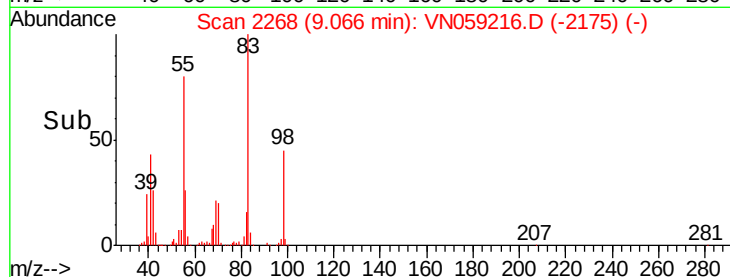
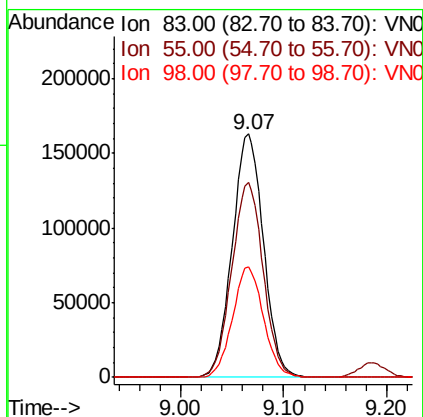
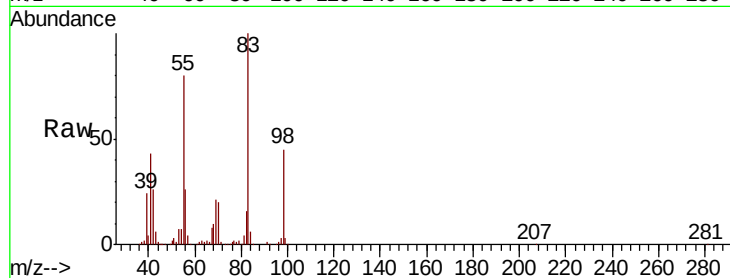




#39
Methylvlcyclohexane
Concen: 48.695 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

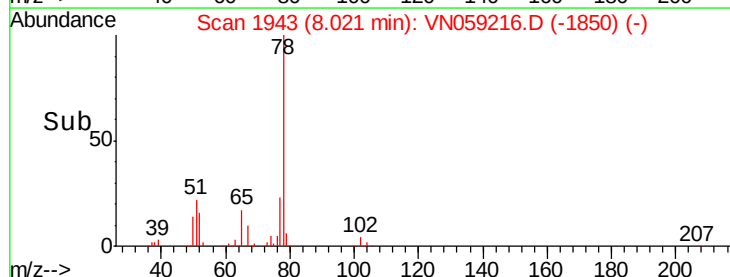
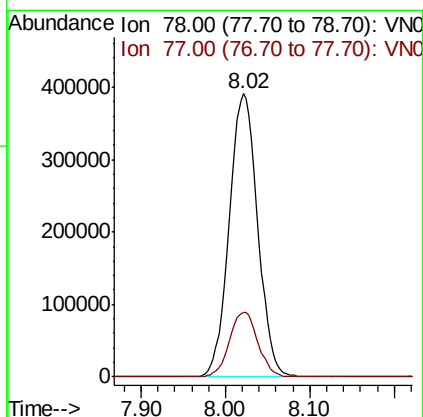
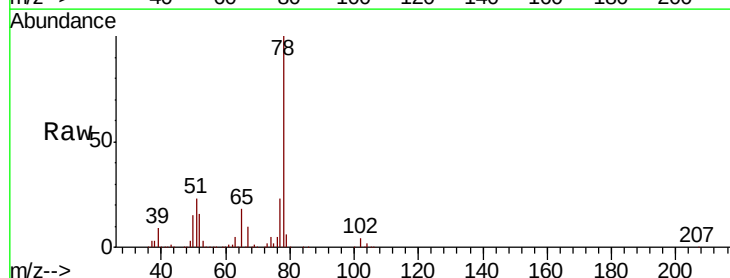
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

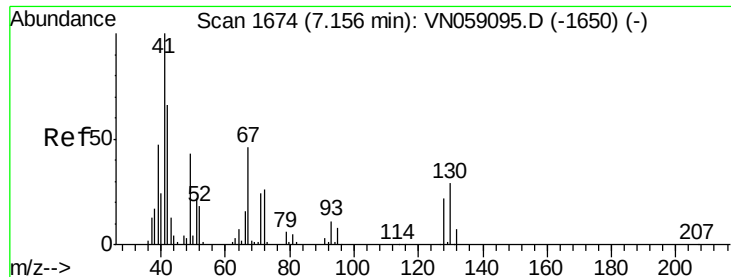
Tot Ion: 83 Resp: 343146
Ion Ratio Lower Upper
83 100
55 79.9 63.9 95.9
98 45.3 35.6 53.4



#40
Benzene
Concen: 50.045 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 78 Resp: 915049
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

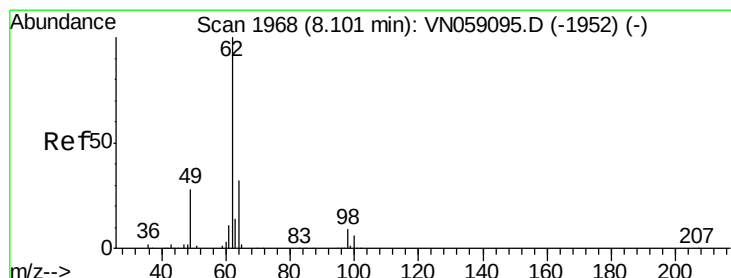
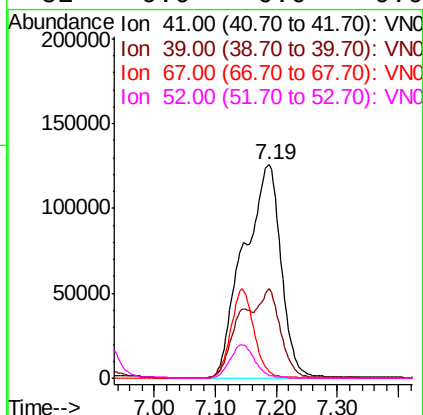
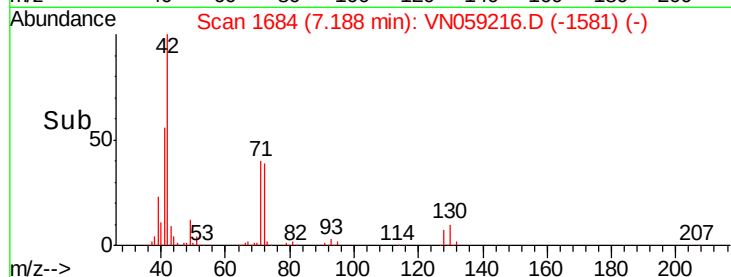
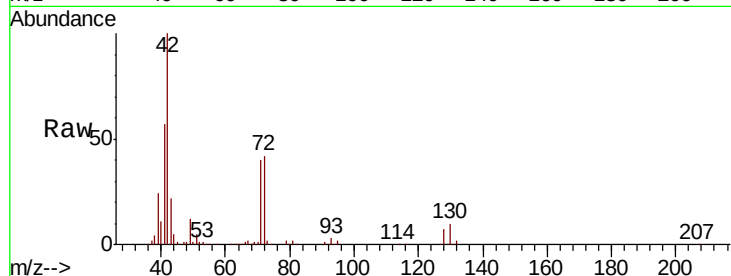




#41
Methacrylonitrile
Concen: 182.616 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

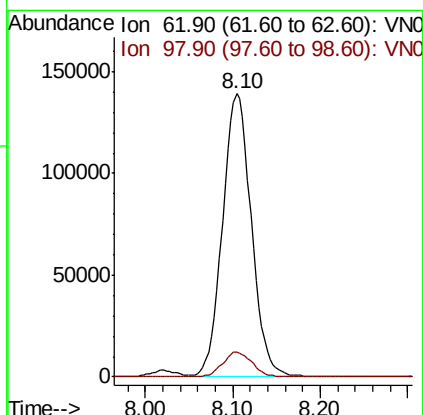
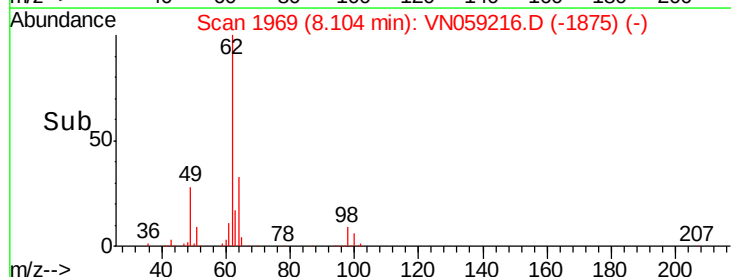
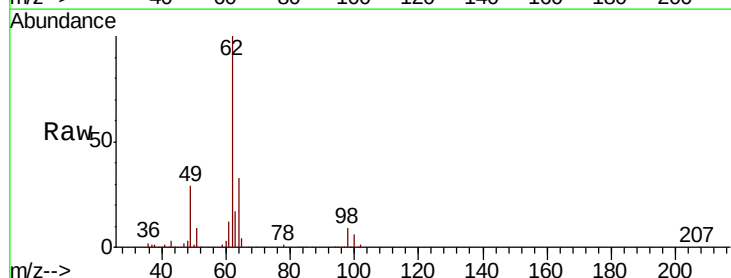
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

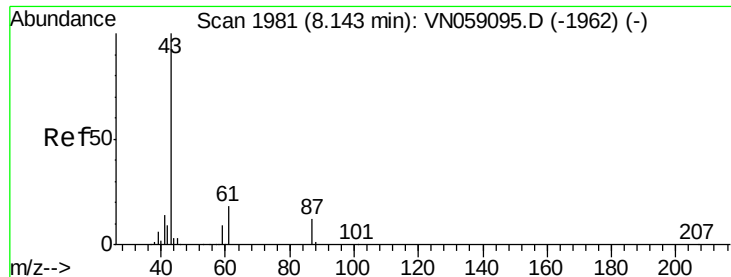
Tot Ion:	41	Resp:	536386
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.936 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion:	62	Resp:	319418
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 52.895 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

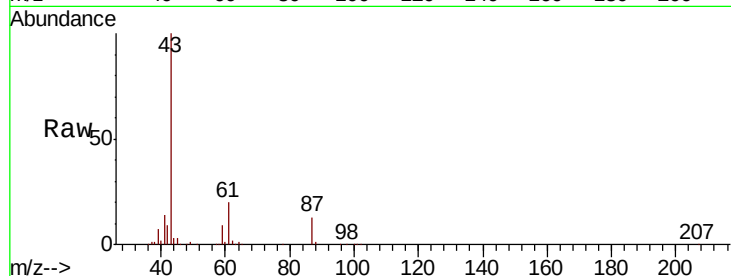
Tot Ion: 43 Resp: 569607

Ion Ratio Lower Upper

43 100

61 26.1 21.0 31.6

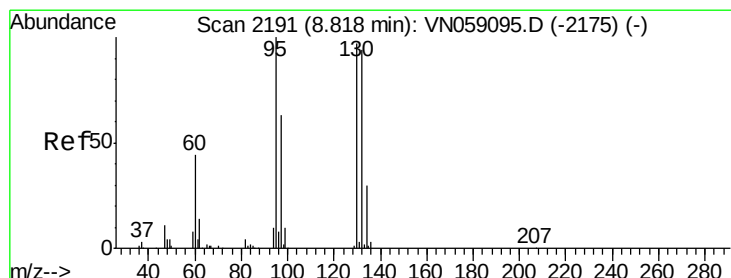
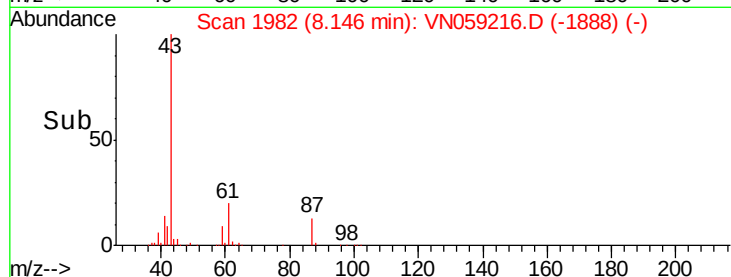
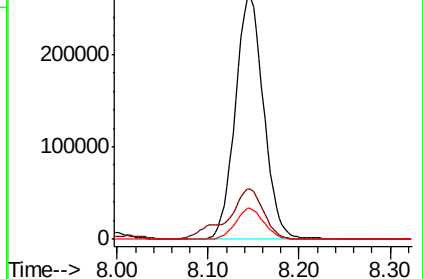
87 12.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



#44

Trichloroethene

Concen: 49.243 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059216.D

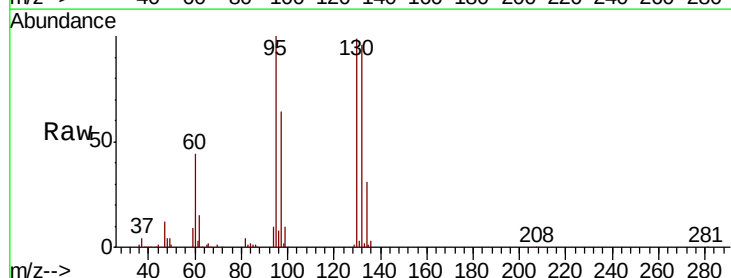
Acq: 13 Nov 2019 17:49

Tgt Ion: 130 Resp: 221327

Ion Ratio Lower Upper

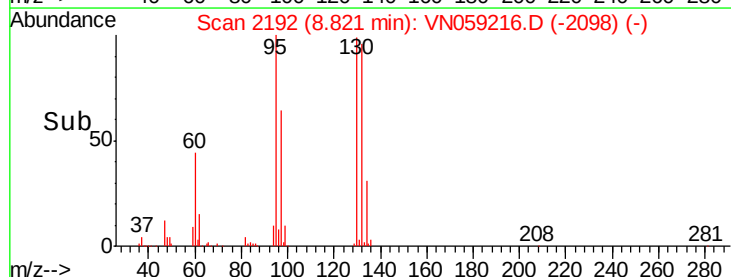
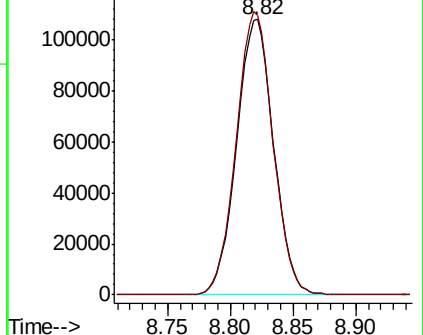
130 100

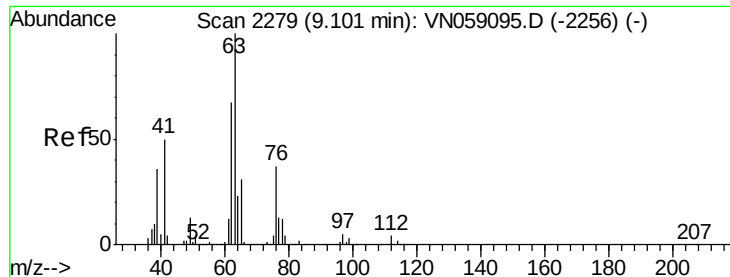
95 101.5 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059095.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059095.D (-2175) (-)

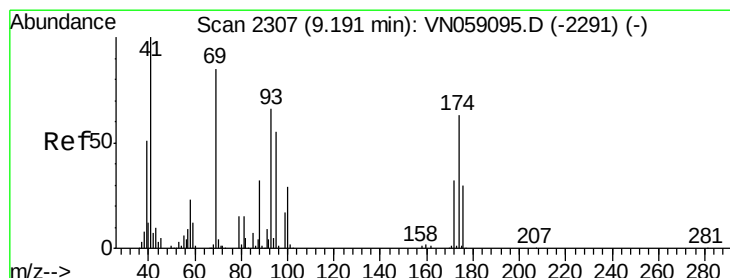
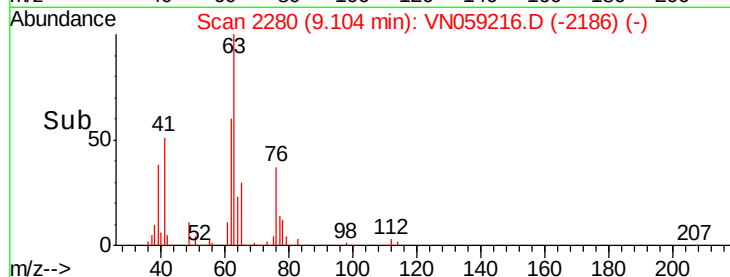
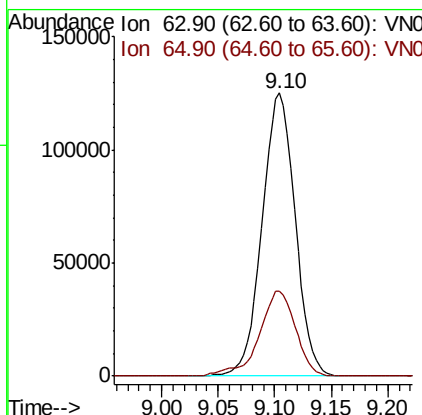
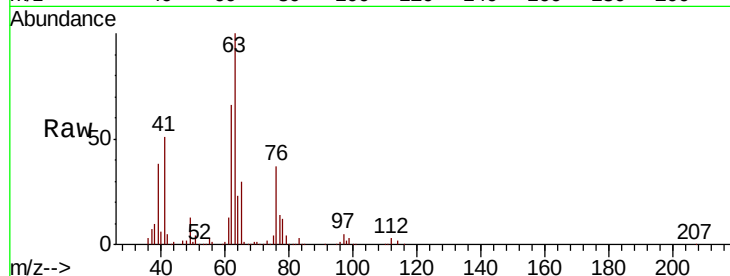




#45
 1,2-Dichloropropane
 Concen: 51.165 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

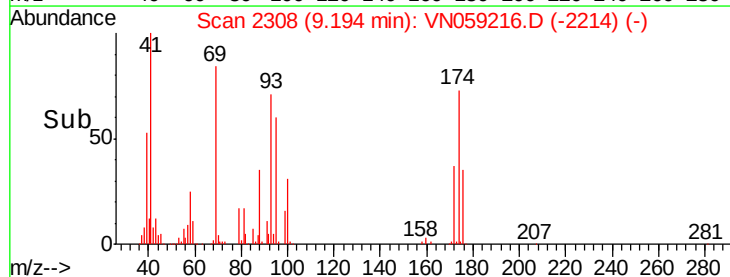
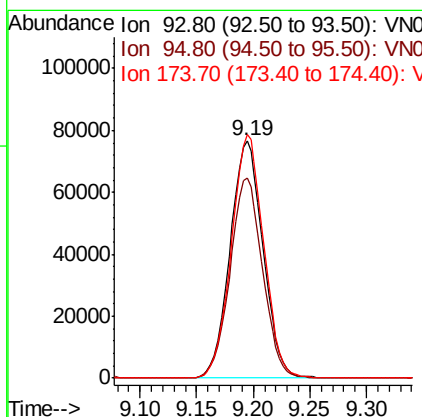
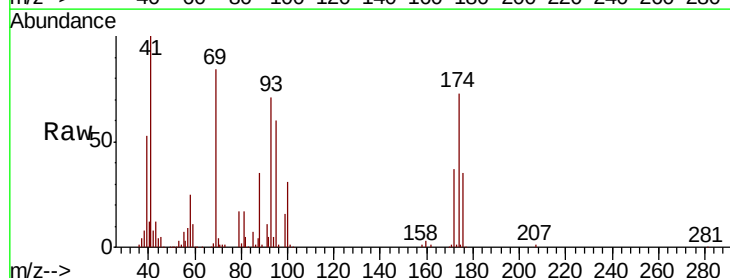
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

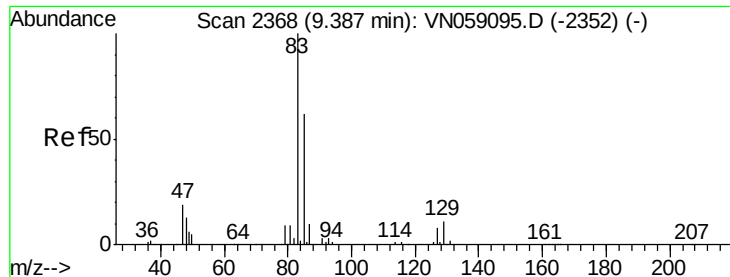
Tot Ion: 63 Resp: 254101
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 37.0



#46
 Dibromomethane
 Concen: 50.134 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Tgt Ion: 93 Resp: 155152
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 100.0
 174 100.7 78.2 117.2

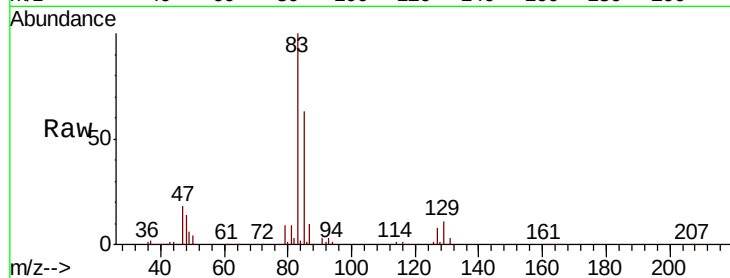




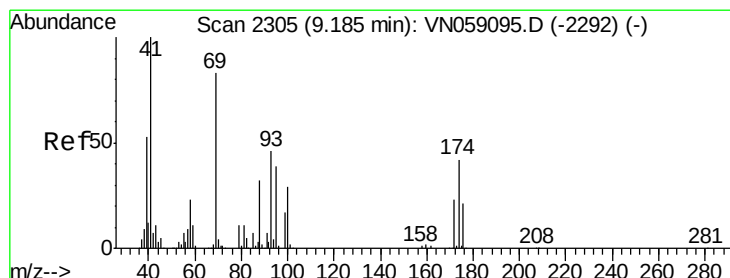
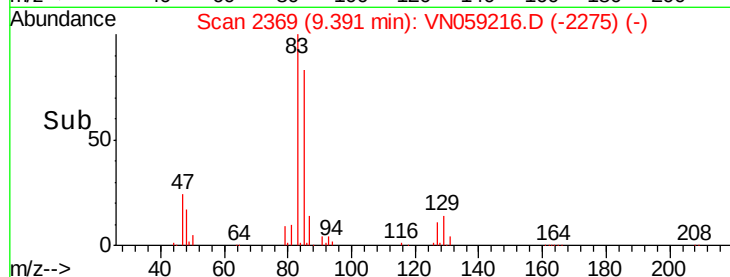
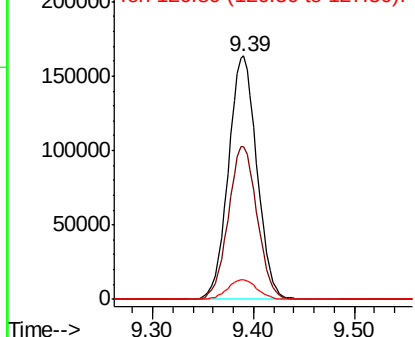
#47
Bromodichloromethane
Concen: 51.889 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 320660
Ion Ratio Lower Upper
83 100
85 62.8 49.7 74.5
127 8.0 6.4 9.6

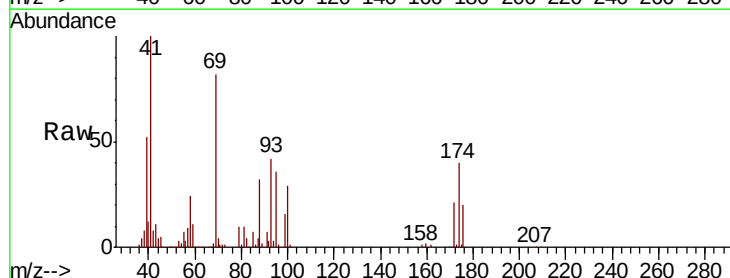


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

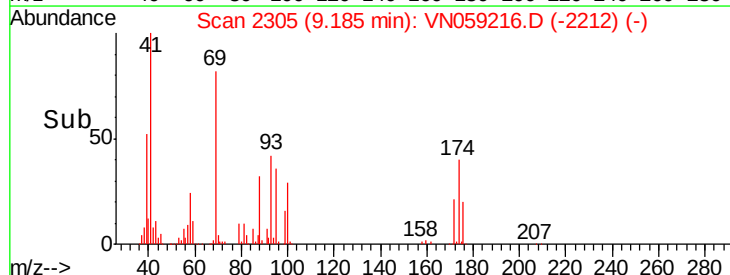
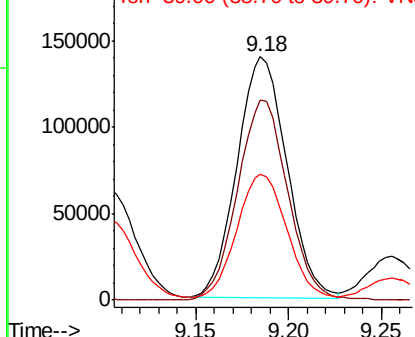


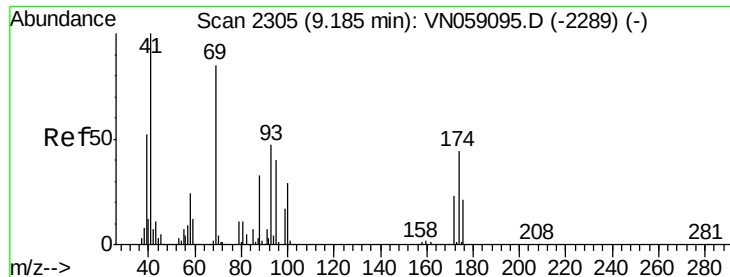
#48
Methyl methacrylate
Concen: 54.109 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 41 Resp: 260630
Ion Ratio Lower Upper
41 100
69 84.3 67.3 100.9
39 53.1 43.3 64.9



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: 1103.308 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

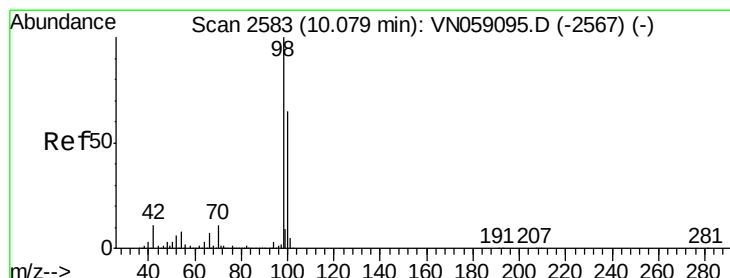
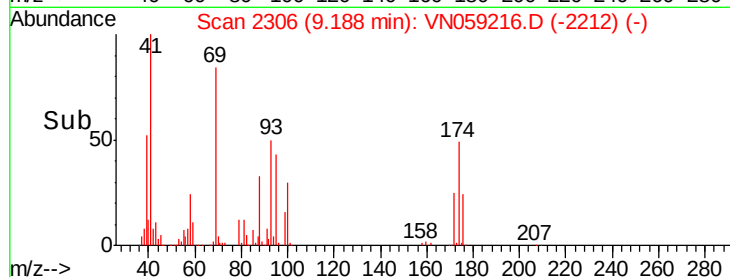
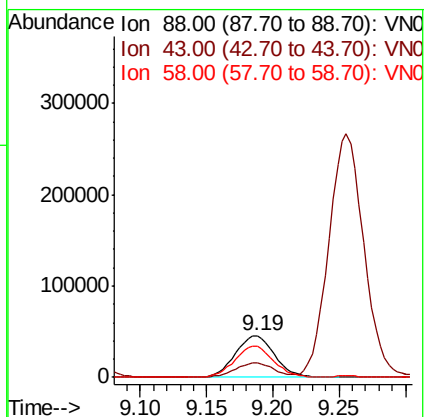
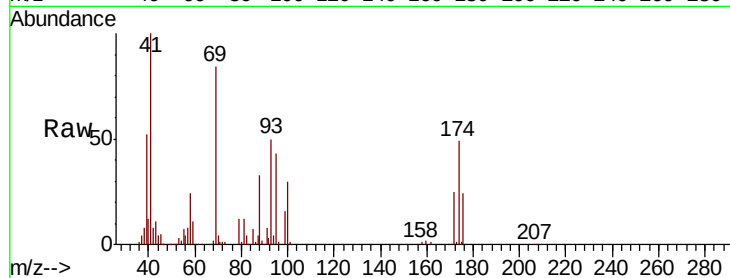
Tot Ion: 88 Resp: 94445

Ion Ratio Lower Upper

88 100

43 33.0 26.3 39.5

58 73.4 60.6 90.8



#50

Toluene-d8

Concen: 51.007 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059216.D

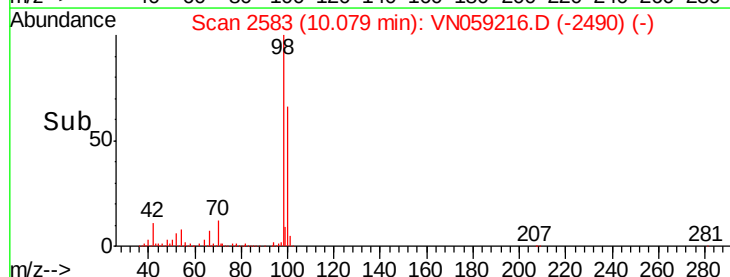
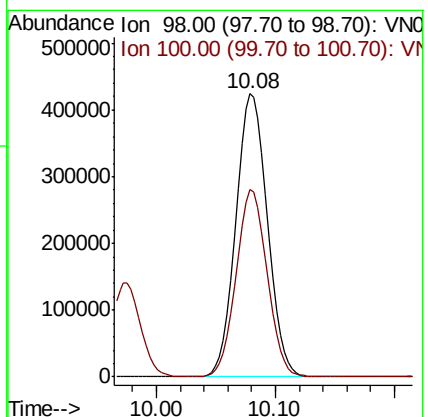
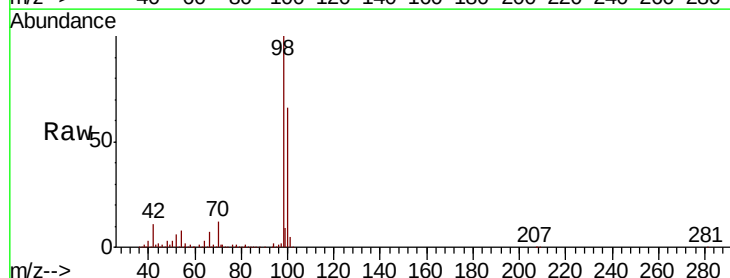
Acq: 13 Nov 2019 17:49

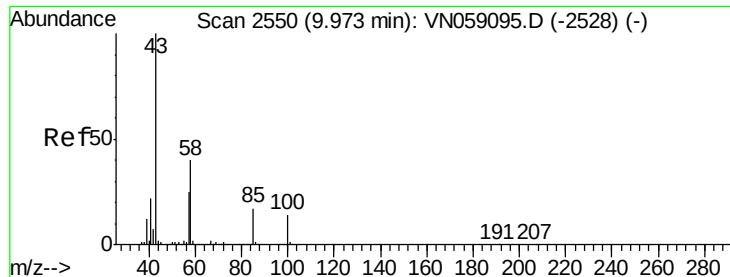
Tgt Ion: 98 Resp: 779271

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 304.008 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

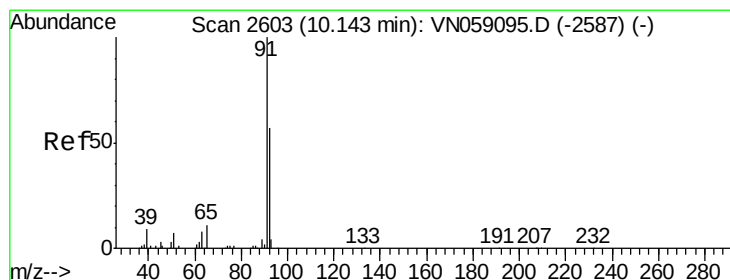
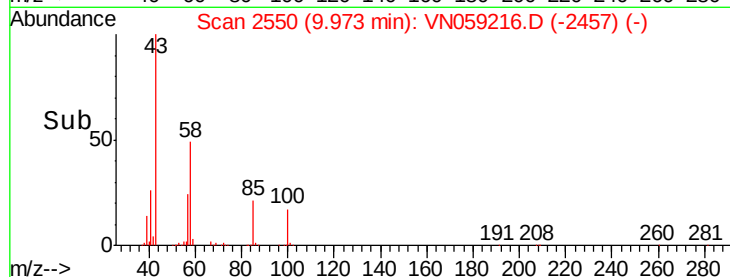
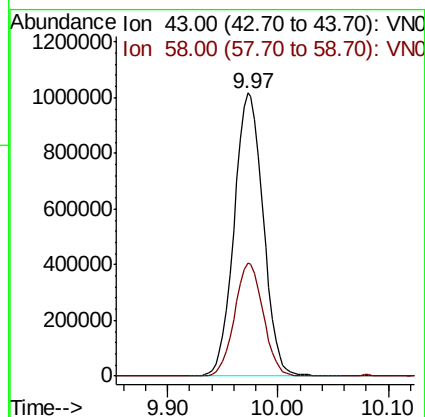
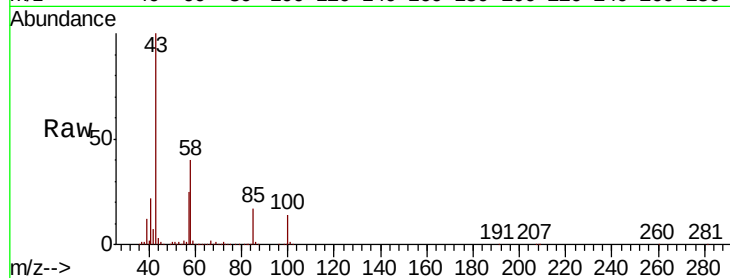
VSTDCCC050EC

Tot Ion: 43 Resp: 1852377

Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3



#52

Toluene

Concen: 51.298 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059216.D

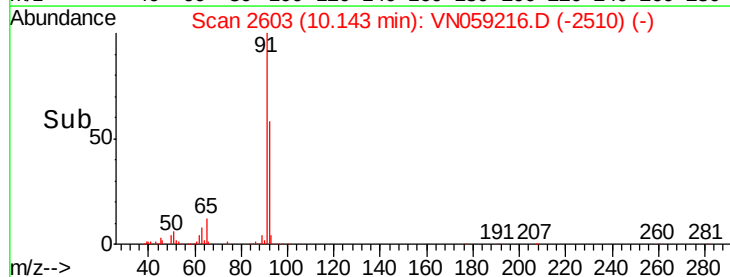
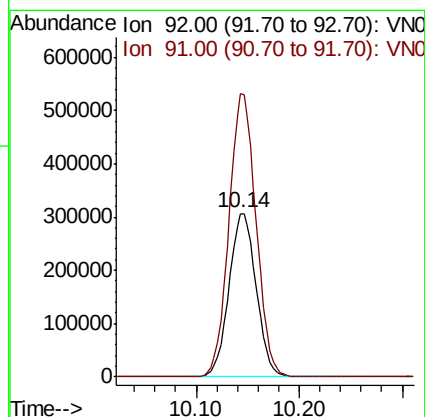
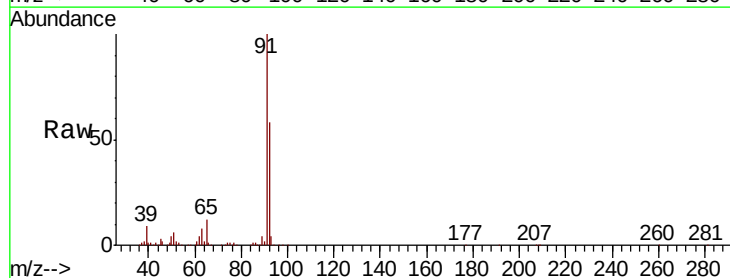
Acq: 13 Nov 2019 17:49

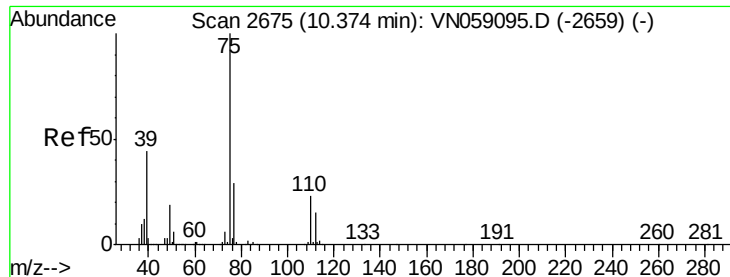
Tgt Ion: 92 Resp: 562178

Ion Ratio Lower Upper

92 100

91 172.9 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 50.564 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

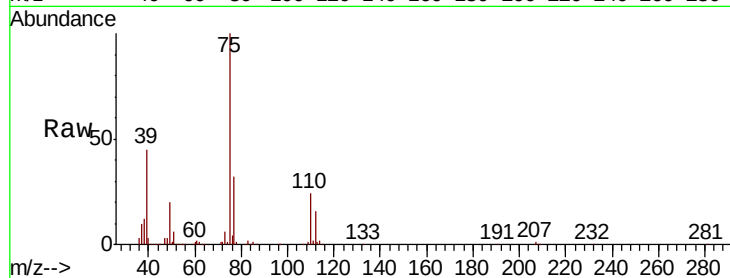
VSTDCCC050EC

Tot Ion: 75 Resp: 361007

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

200000

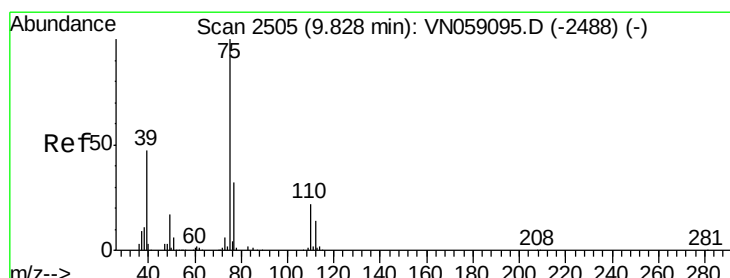
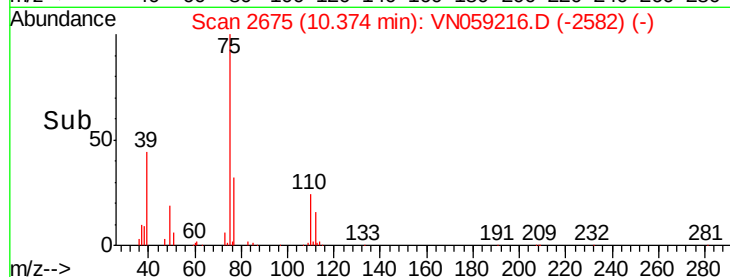
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.601 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

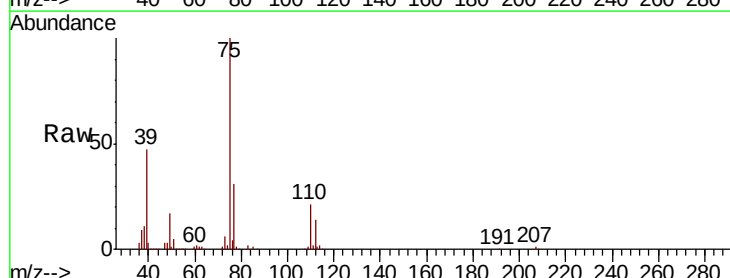
Tgt Ion: 75 Resp: 396295

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 46.6 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

300000

250000

200000

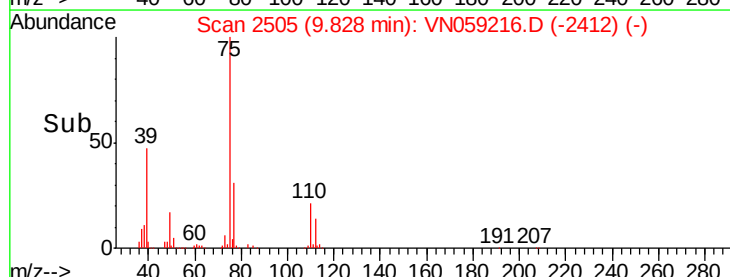
150000

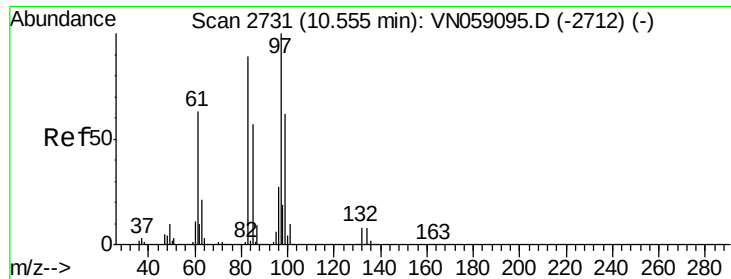
100000

50000

0

Time-->

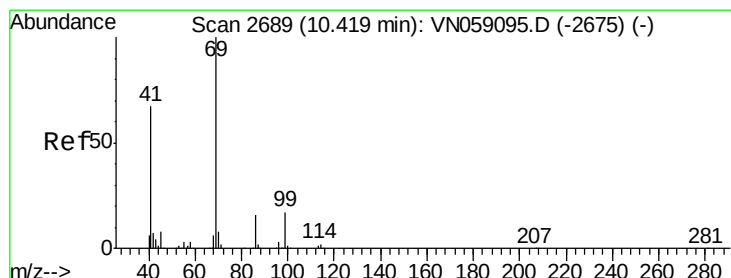
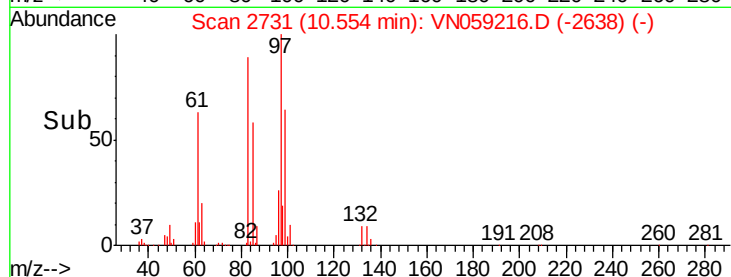
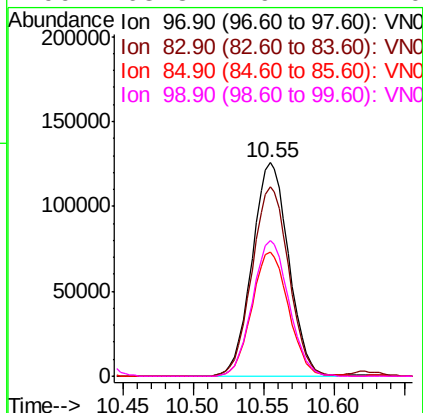
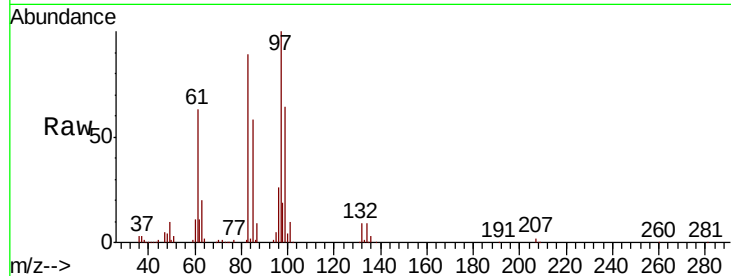




#55
 1,1,2-Trichloroethane
 Concen: 51.512 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

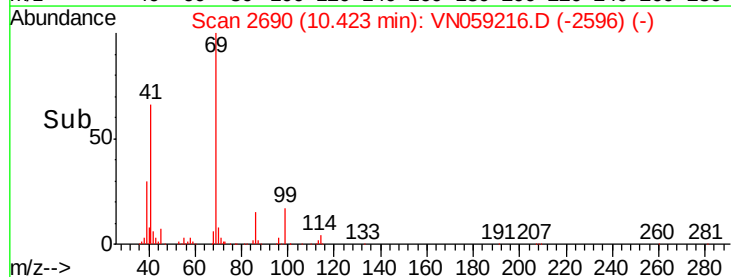
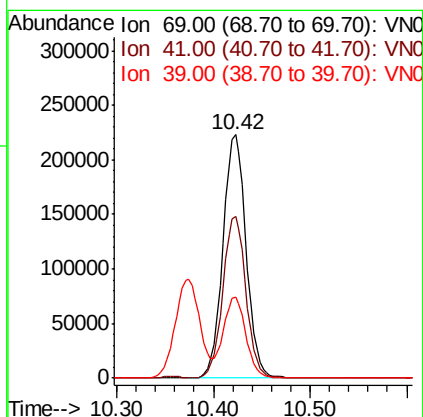
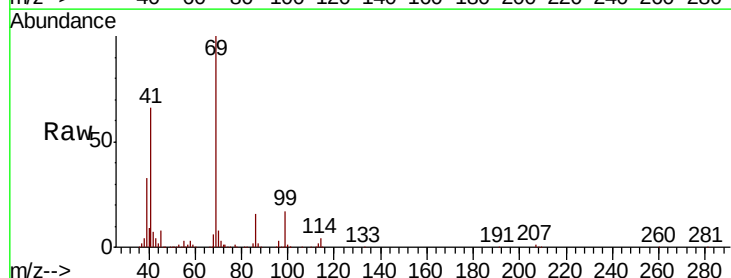
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

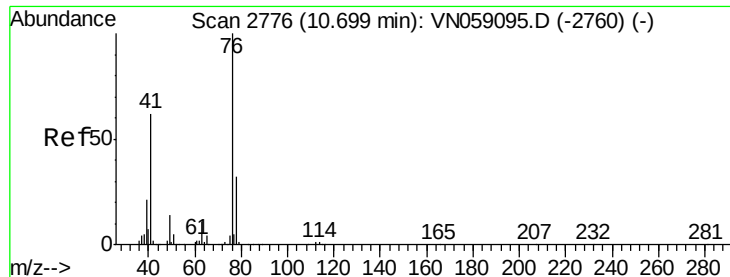
Tot Ion:	97	Resp:	228467
Ion	Ratio	Lower	Upper
97	100		
83	88.6	71.0	106.4
85	57.9	45.8	68.8
99	63.8	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 50.237 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Tgt Ion:	69	Resp:	371692
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.6	80.4
39	31.8	26.2	39.4

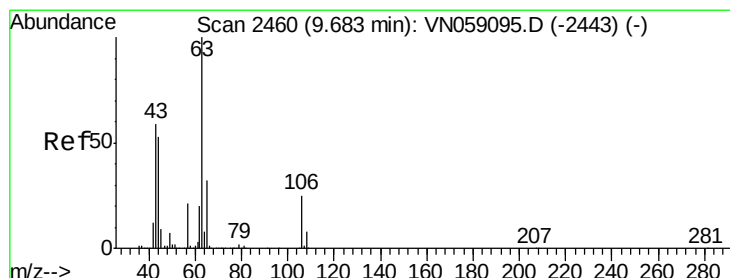
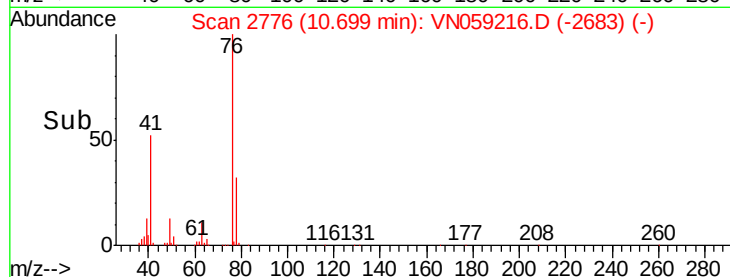
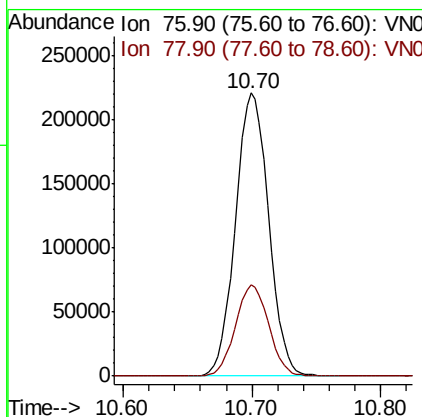
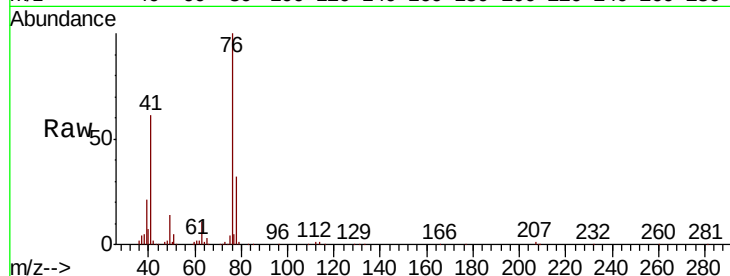




#57
 1,3-Dichloropropane
 Concen: 51.853 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

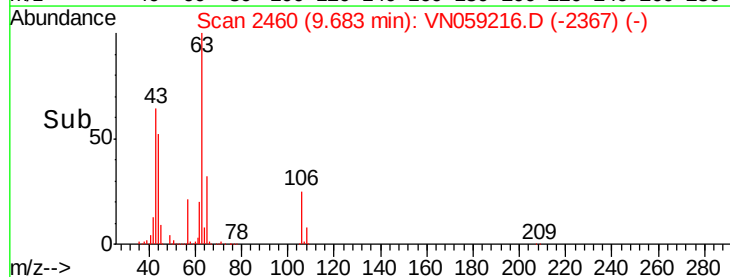
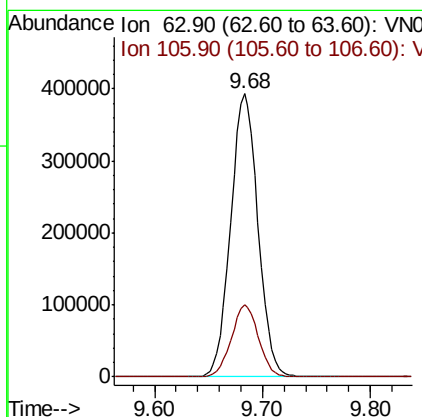
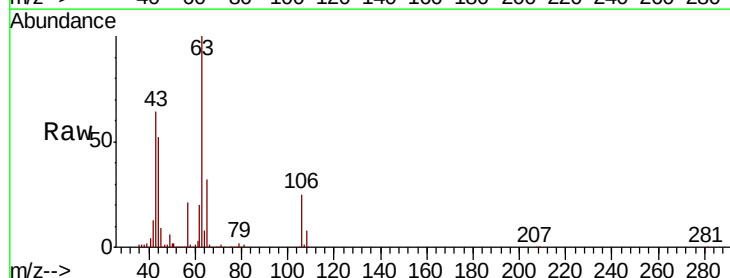
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

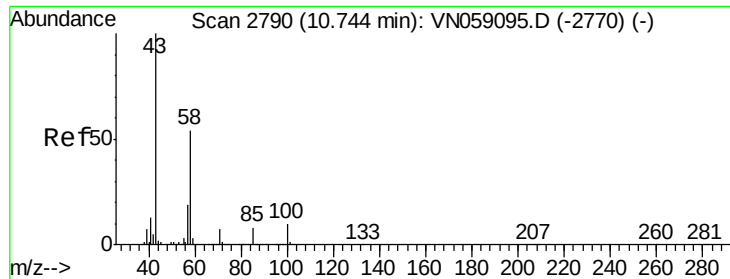
Tot Ion: 76 Resp: 395821
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.495 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Tgt Ion: 63 Resp: 694821
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.2 30.2

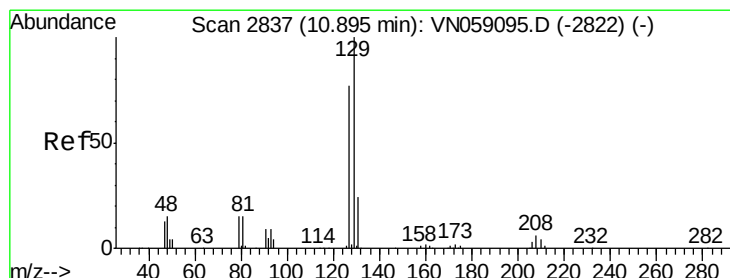
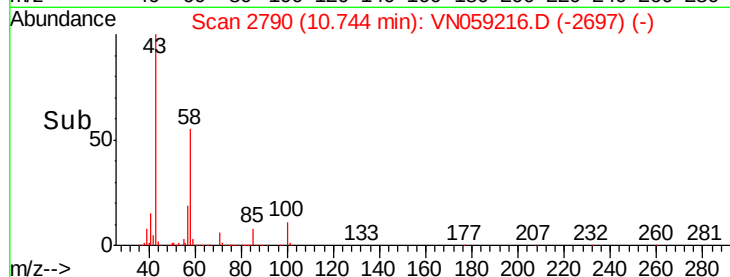
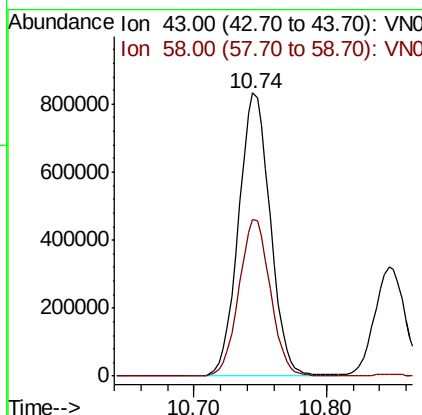
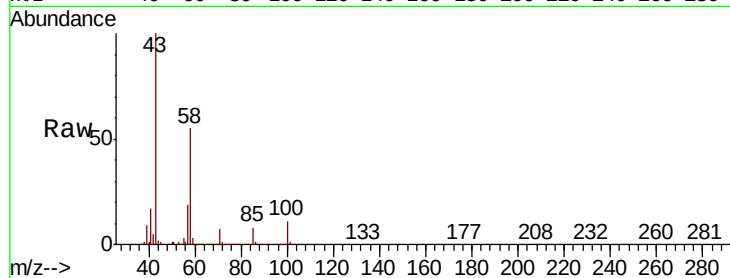




#59
2-Hexanone
Concen: 295.946 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

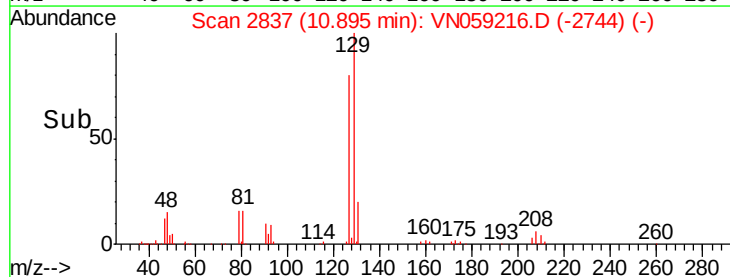
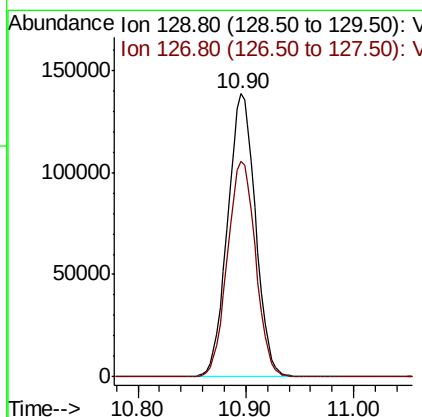
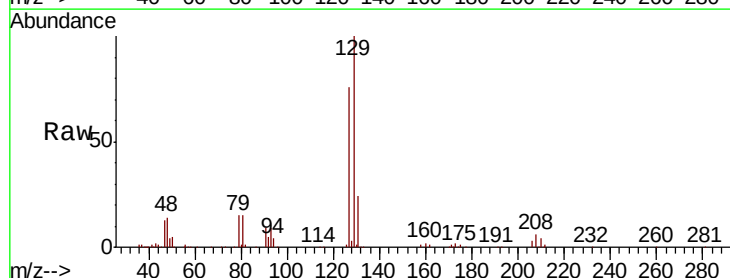
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

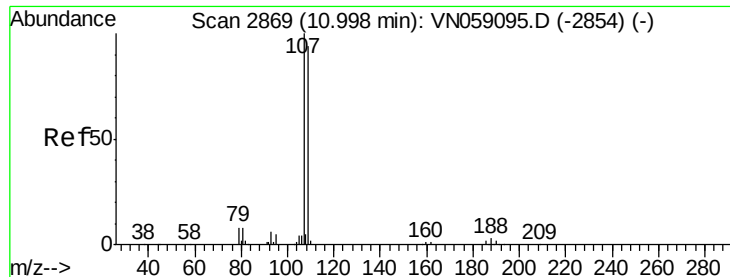
Tot Ion: 43 Resp: 1384082
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 53.212 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 129 Resp: 249528
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

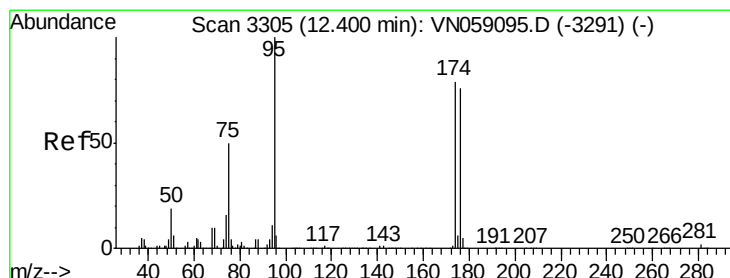
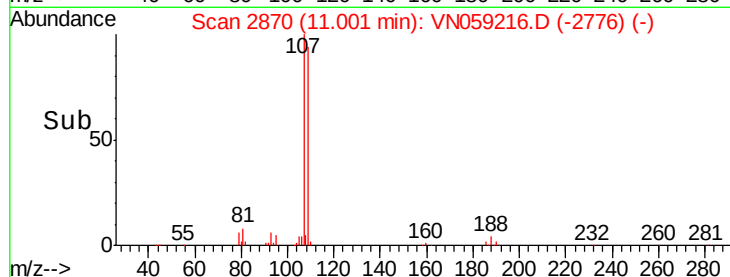
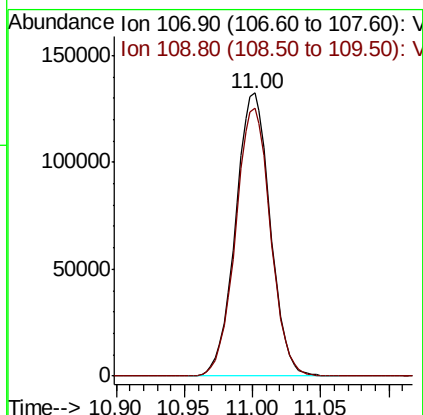
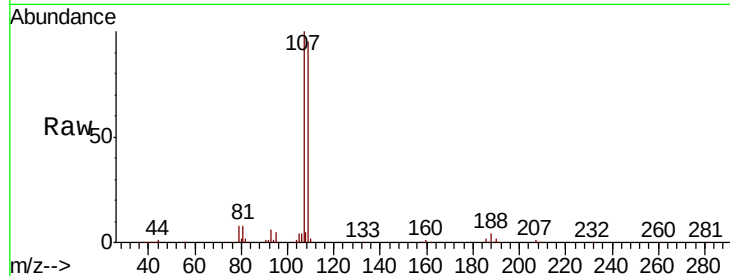




#61
 1,2-Dibromoethane
 Concen: 52.105 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

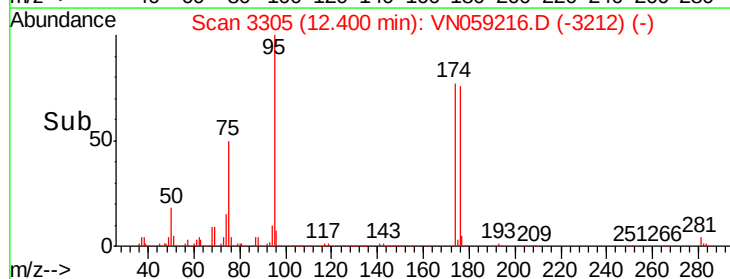
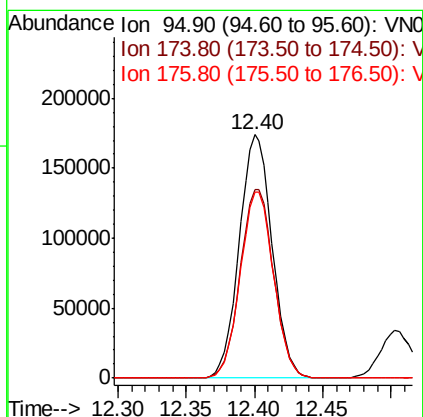
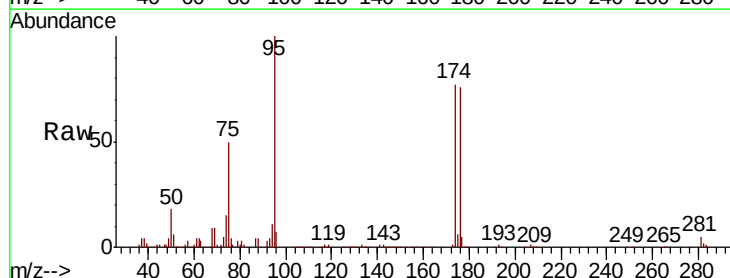
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

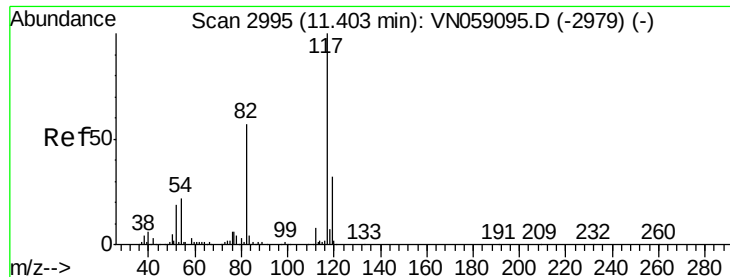
Tot Ion: 107 Resp: 233945
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 52.867 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Tgt Ion: 95 Resp: 291224
 Ion Ratio Lower Upper
 95 100
 174 79.1 0.0 158.2
 176 77.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

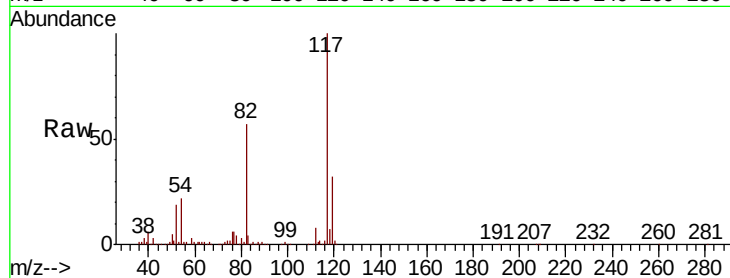
Tot Ion:117 Resp: 598417

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.8

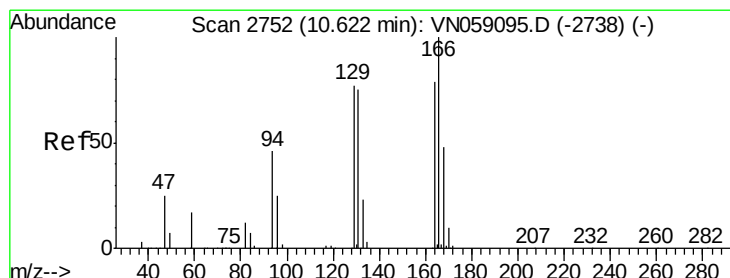
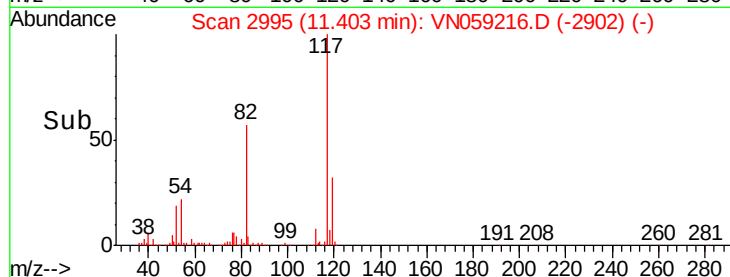
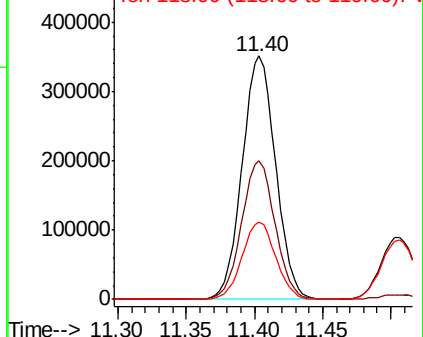
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.247 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Tgt Ion:164 Resp: 192254

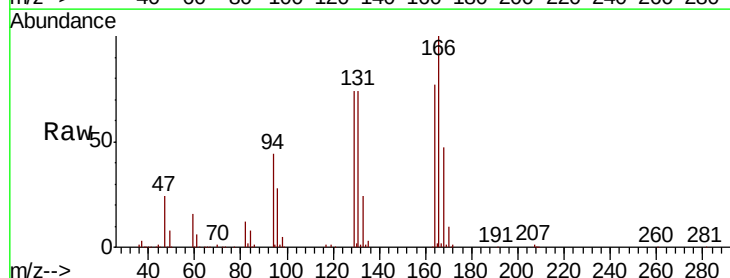
Ion Ratio Lower Upper

164 100

166 129.1 101.5 152.3

129 96.0 78.3 117.5

131 94.9 75.9 113.9

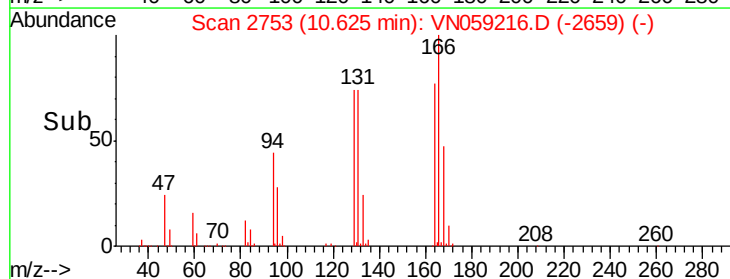
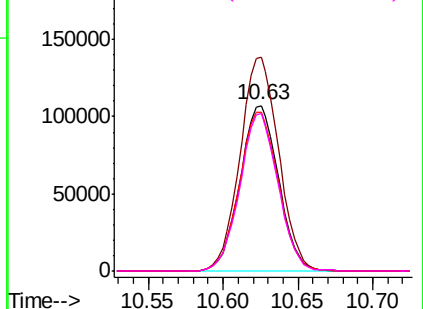


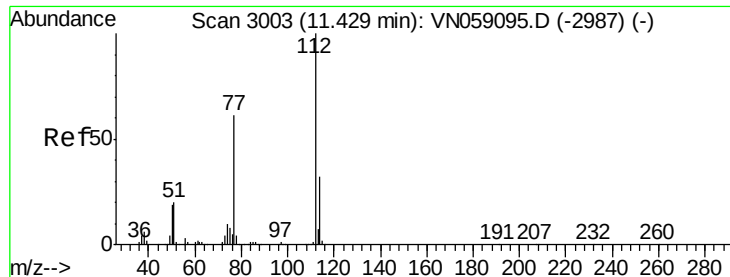
Abundance Ion 163.80 (163.50 to 164.50): V

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

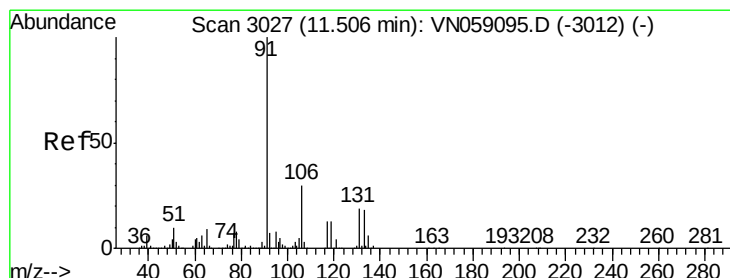
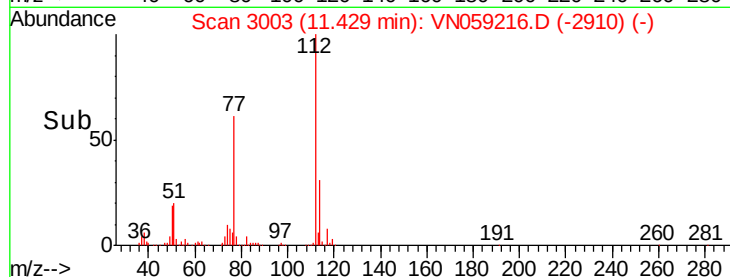
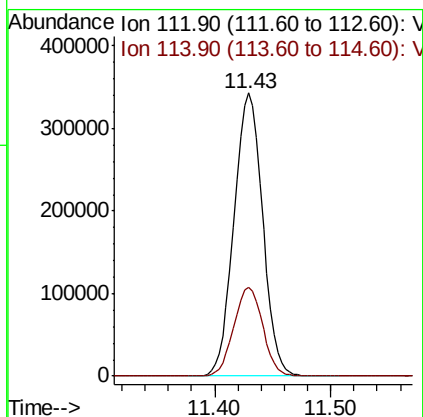
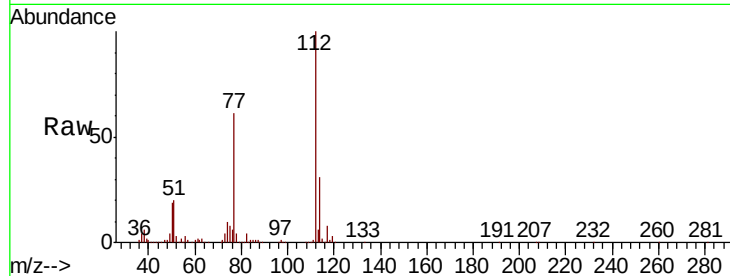




#65
Chlorobenzene
Concen: 50.317 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

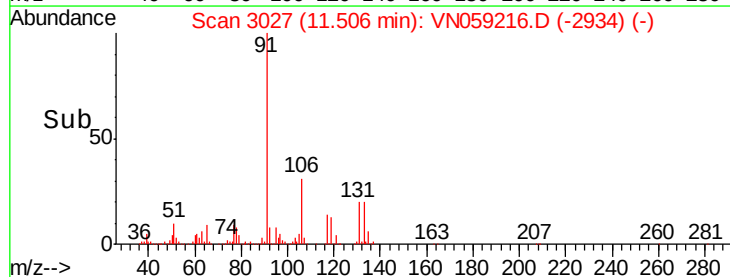
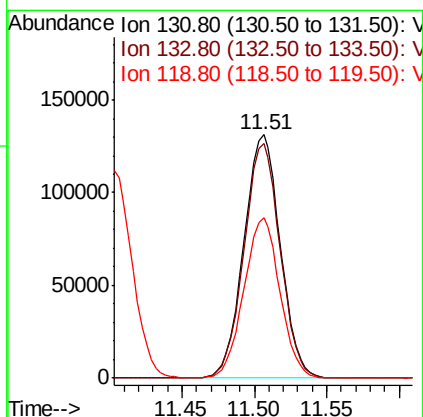
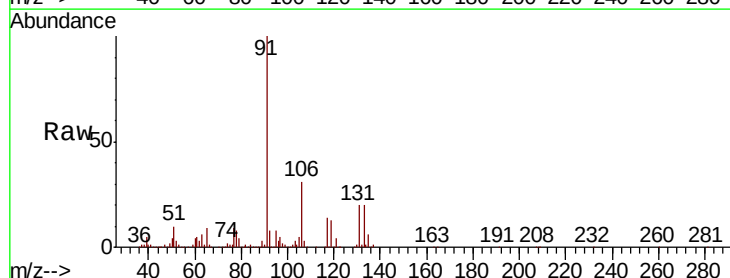
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

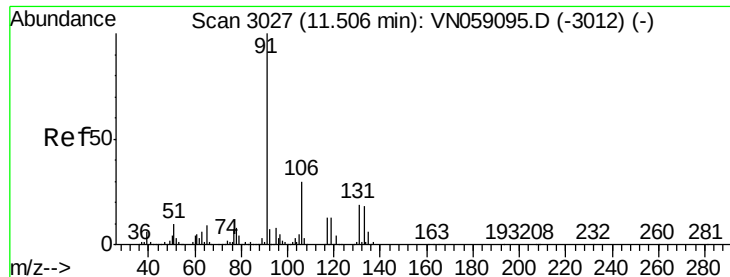
Tot Ion:112 Resp: 586972
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.399 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion:131 Resp: 229298
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.3
119 65.2 33.2 99.6





#67

Ethyl Benzene

Concen: 52.014 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

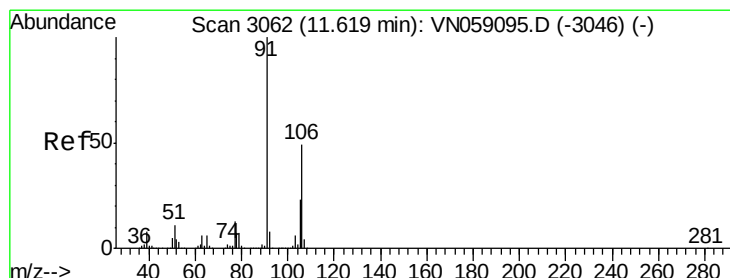
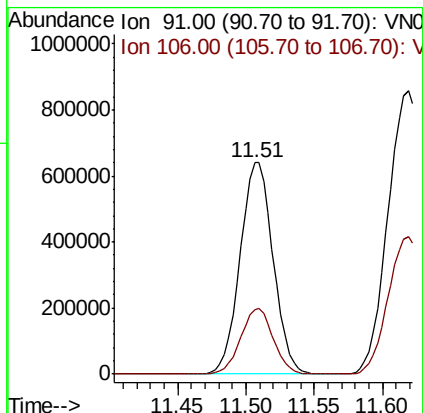
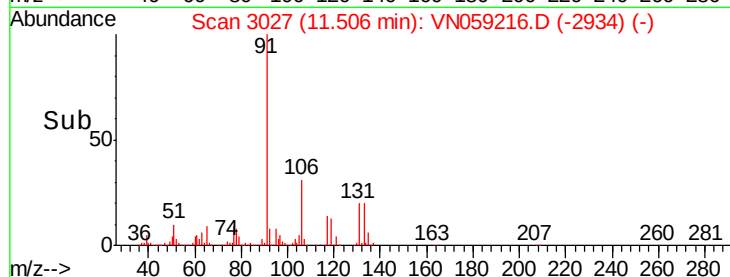
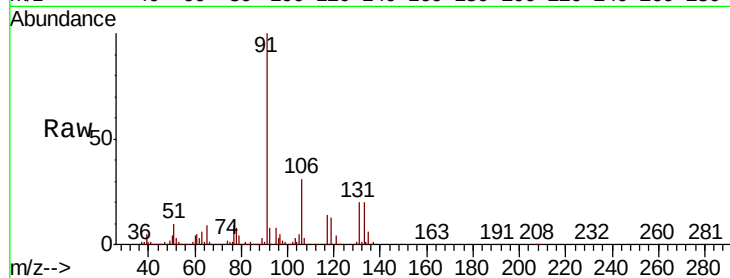
VSTDCCC050EC

Tot Ion: 91 Resp: 1076553

Ion Ratio Lower Upper

91 100

106 30.8 24.1 36.1



#68

m/p-Xylenes

Concen: 103.925 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059216.D

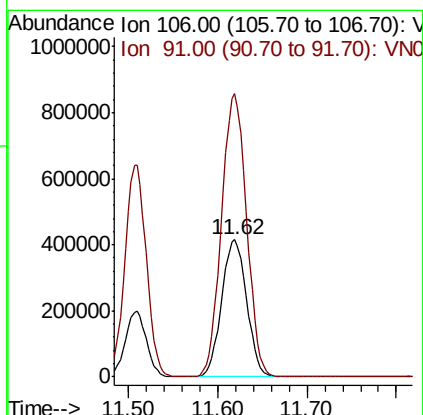
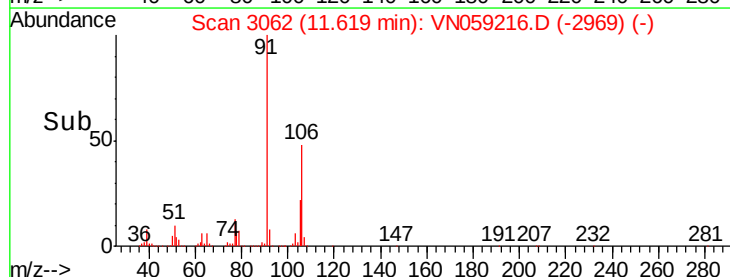
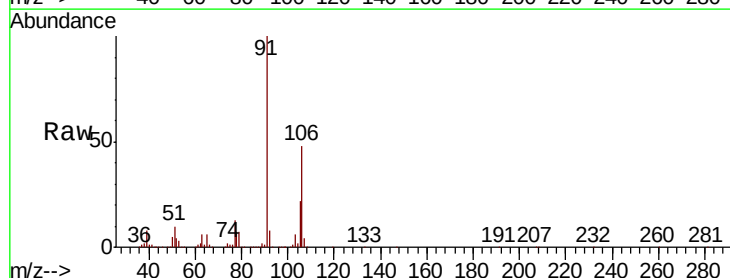
Acq: 13 Nov 2019 17:49

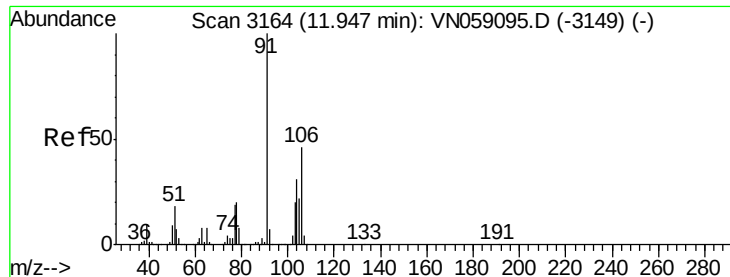
Tgt Ion: 106 Resp: 805725

Ion Ratio Lower Upper

106 100

91 206.5 164.7 247.1

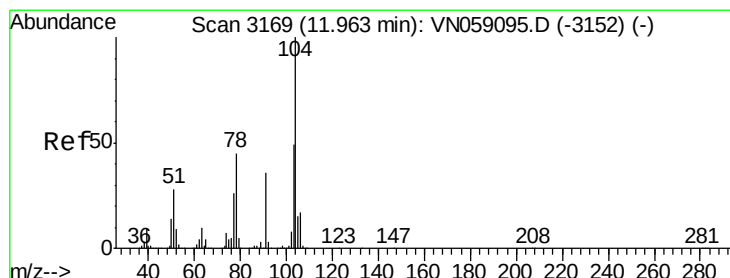
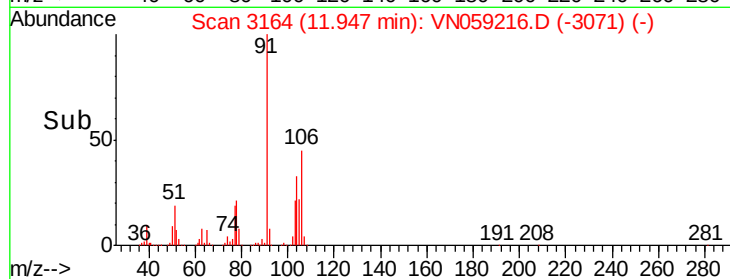
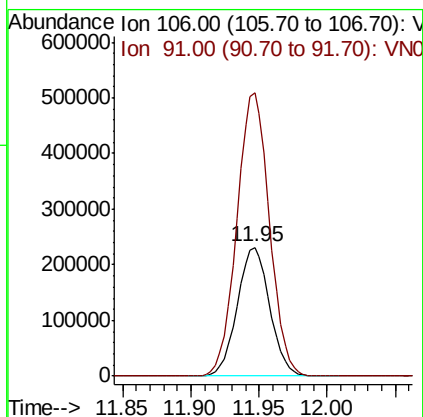
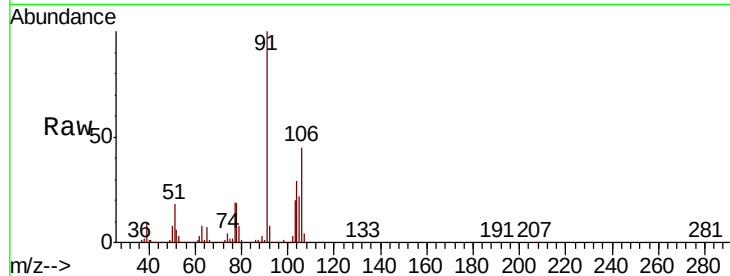




#69
o-Xylene
Concen: 50.821 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

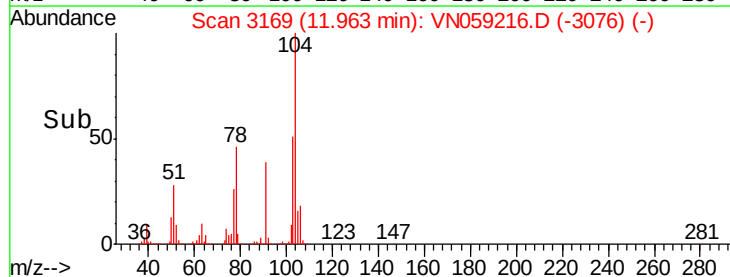
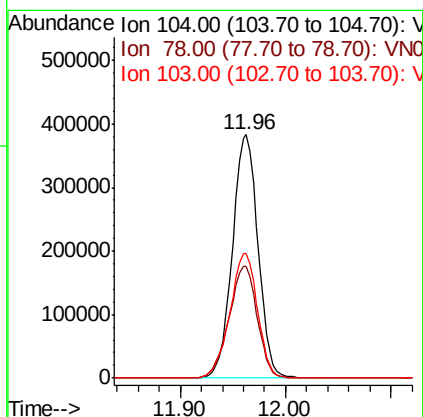
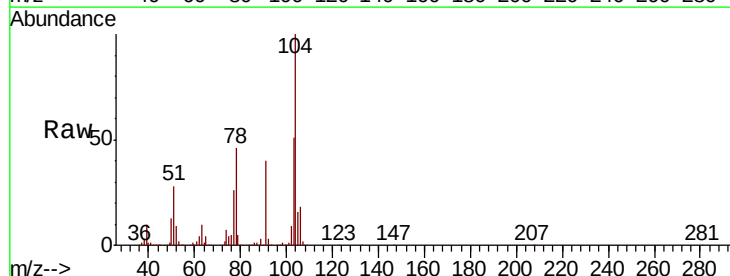
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

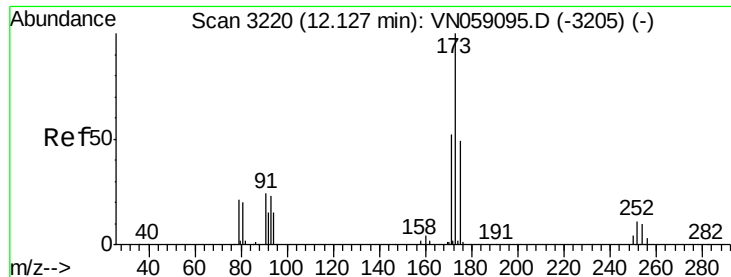
Tot Ion:106 Resp: 380775
Ion Ratio Lower Upper
106 100
91 221.2 110.1 330.3



#70
Styrene
Concen: 54.585 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion:104 Resp: 643210
Ion Ratio Lower Upper
104 100
78 50.8 41.2 61.8
103 55.5 43.8 65.6





#71

Bromoform

Concen: 54.841 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

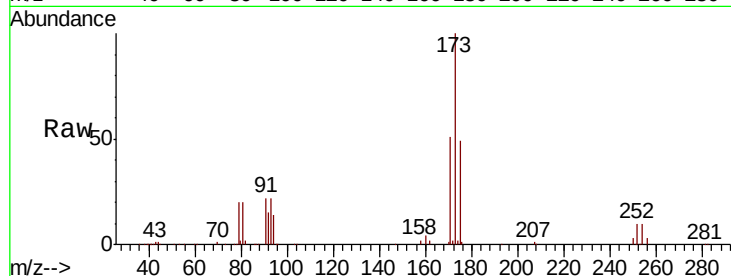
Tot Ion:173 Resp: 186670

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

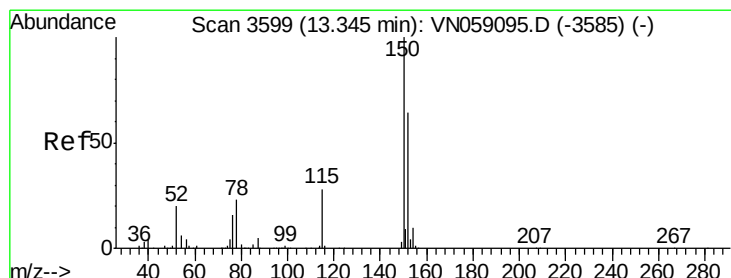
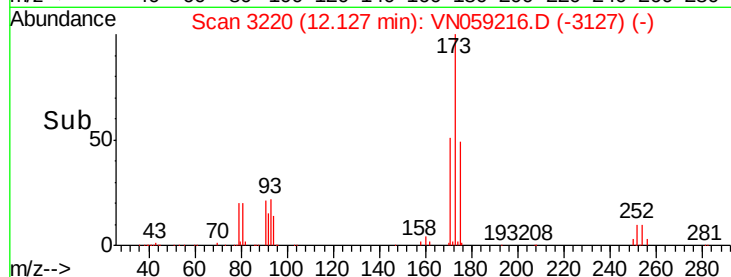
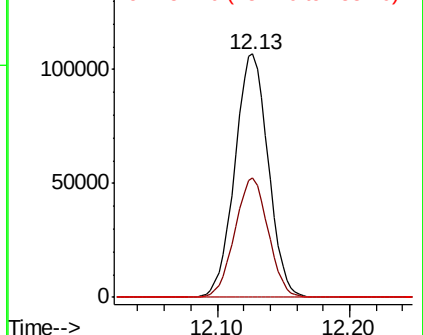
254 0.1 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

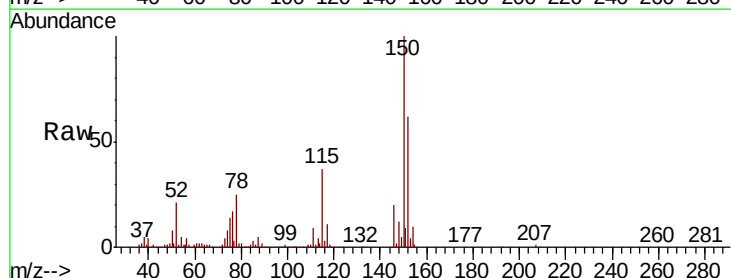
Tgt Ion:152 Resp: 290925

Ion Ratio Lower Upper

152 100

115 60.1 29.4 88.2

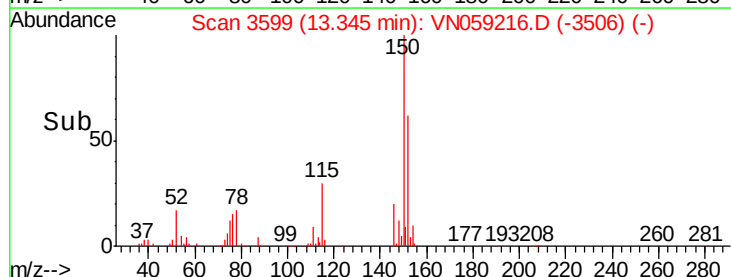
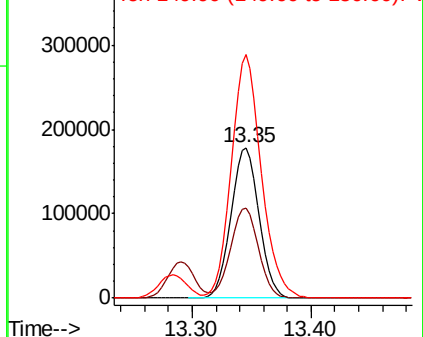
150 172.4 0.0 345.8

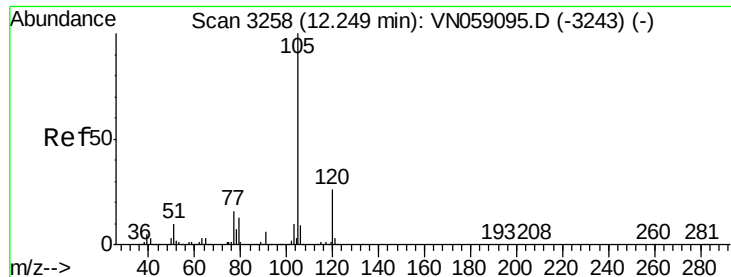


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.972 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

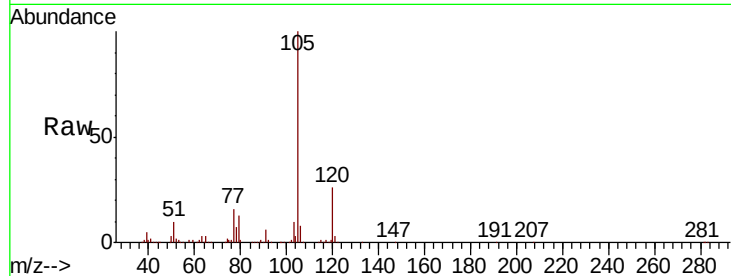
VSTDCCC050EC

Tot Ion:105 Resp: 1057508

Ion Ratio Lower Upper

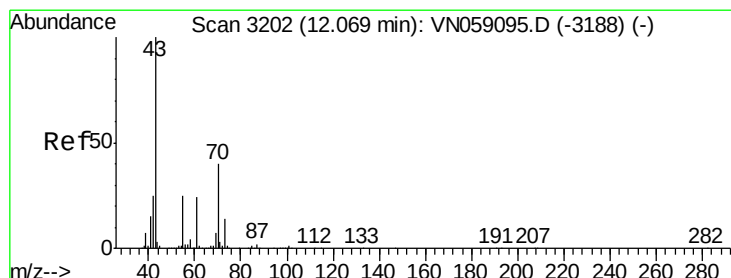
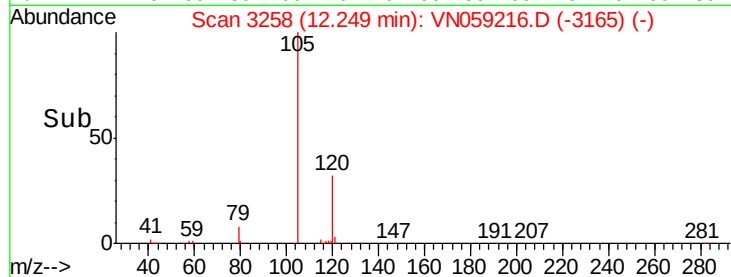
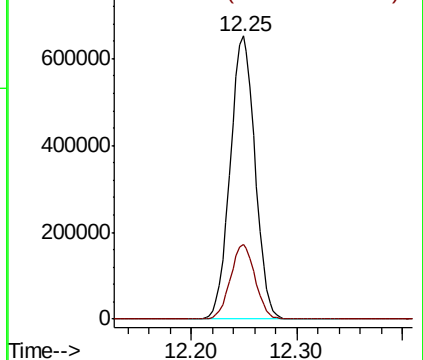
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.656 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Tgt Ion: 43 Resp: 481137

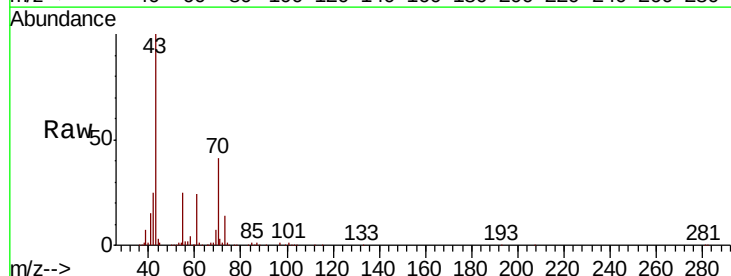
Ion Ratio Lower Upper

43 100

70 41.6 32.2 48.4

55 25.5 20.4 30.6

61 24.2 19.3 28.9

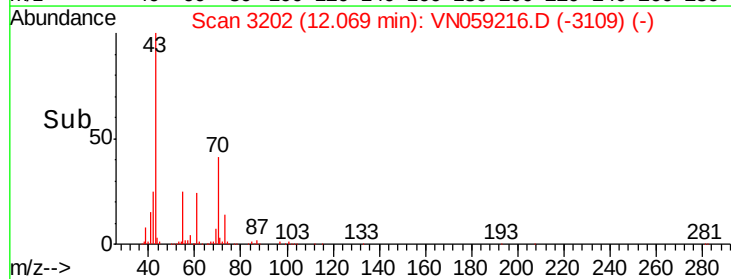
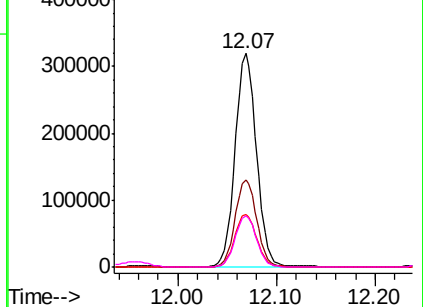


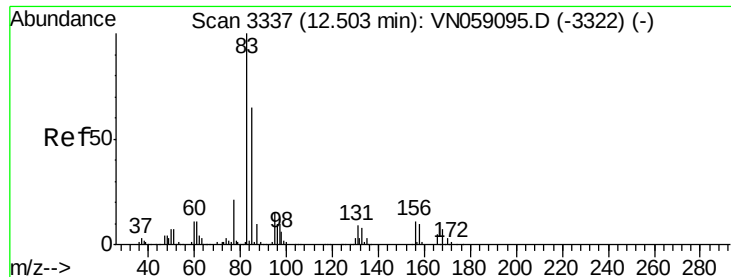
Abundance Ion 43.00 (42.70 to 43.70): V

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: 51.142 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

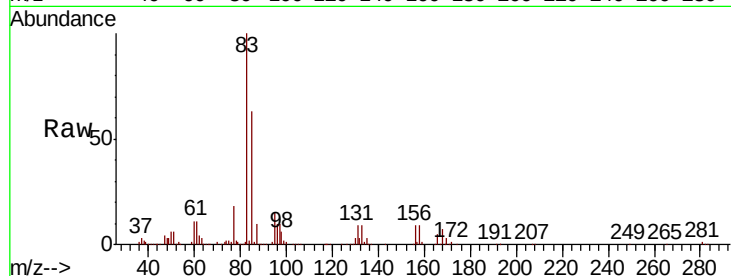
Tot Ion: 83 Resp: 368565

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

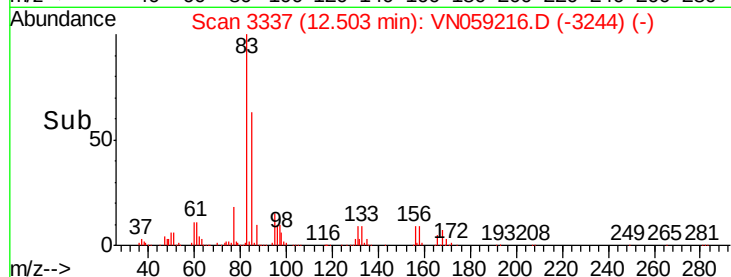
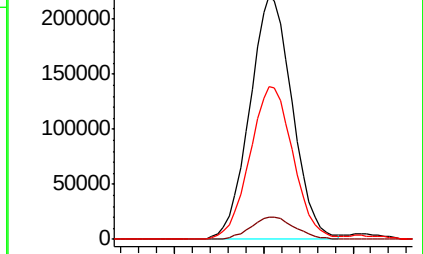
85 64.1 32.4 97.2



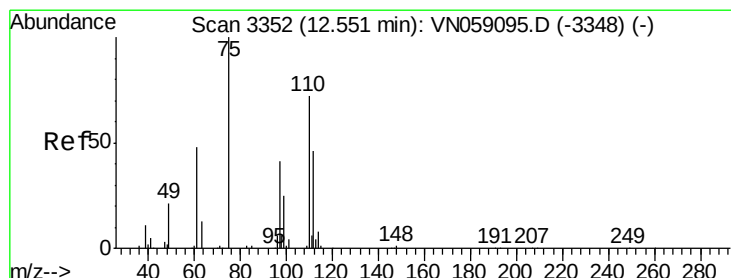
Abundance Ion 82.90 (82.60 to 83.60): VN059216.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059216.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059216.D (-3322) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 74.148 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059216.D

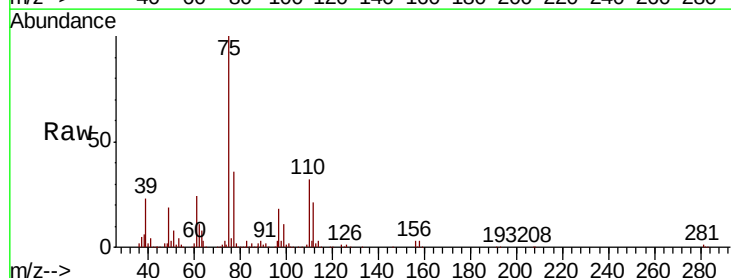
Acq: 13 Nov 2019 17:49

Tgt Ion: 75 Resp: 491112

Ion Ratio Lower Upper

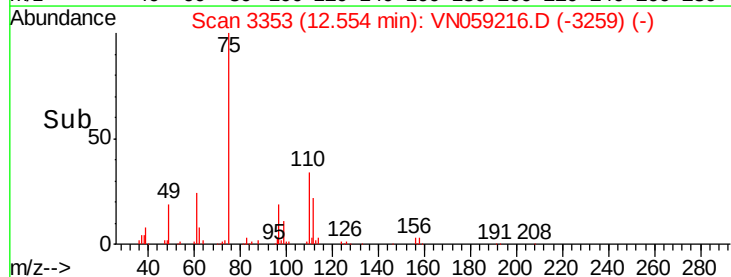
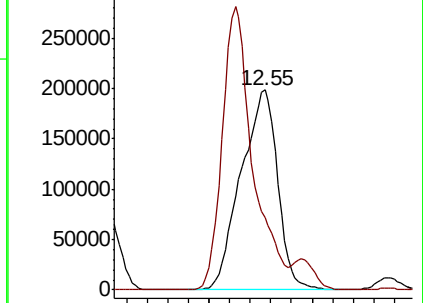
75 100

77 0.0 0.0 0.0

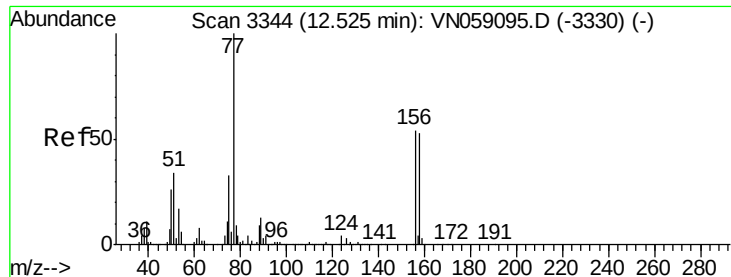


Abundance Ion 74.90 (74.60 to 75.60): VN059216.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN059216.D (-3348) (-)



Time-->



#77

Bromobenzene

Concen: 48.246 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

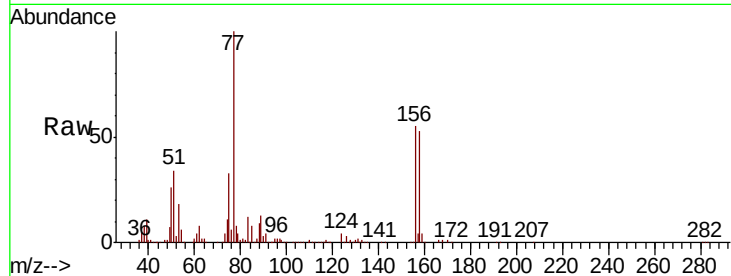
Tot Ion:156 Resp: 256516

Ion Ratio Lower Upper

156 100

77 226.1 112.8 338.3

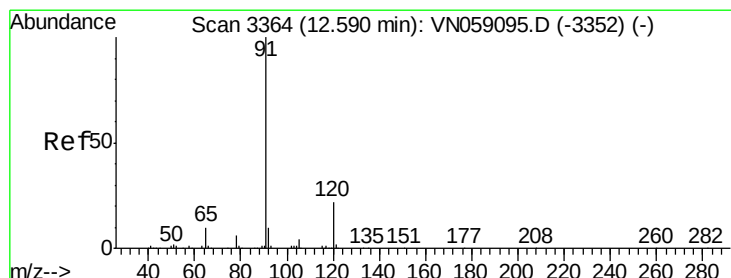
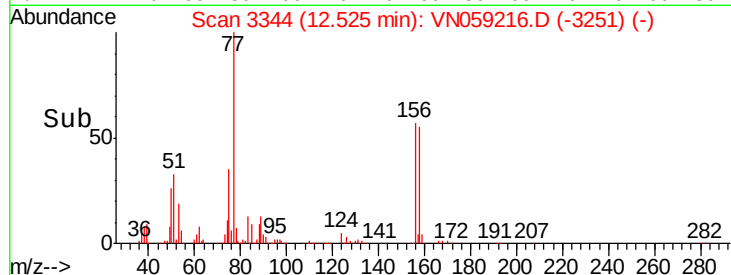
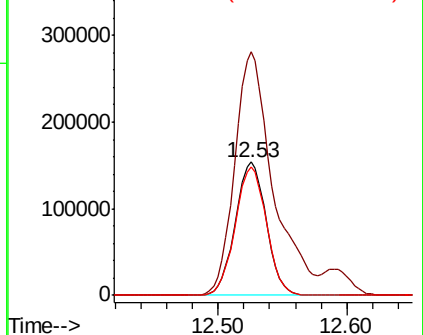
158 97.1 48.4 145.3



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: 51.231 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059216.D

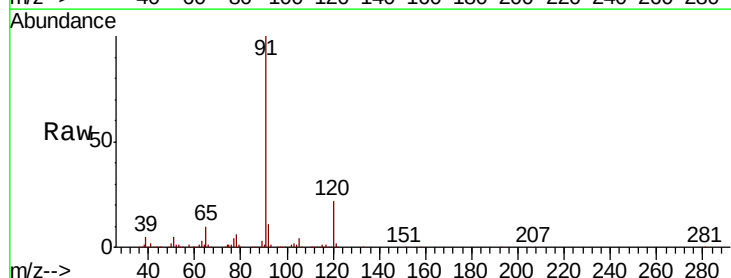
Acq: 13 Nov 2019 17:49

Tgt Ion: 91 Resp: 1241353

Ion Ratio Lower Upper

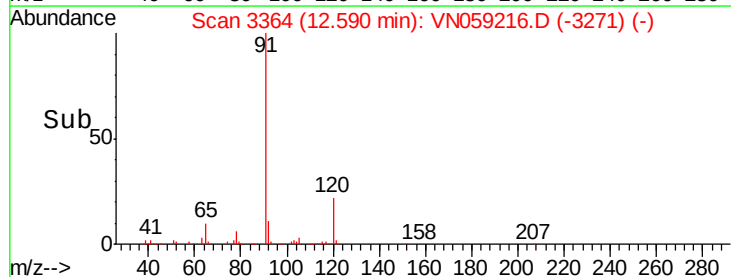
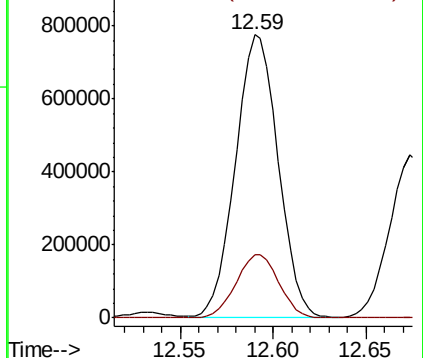
91 100

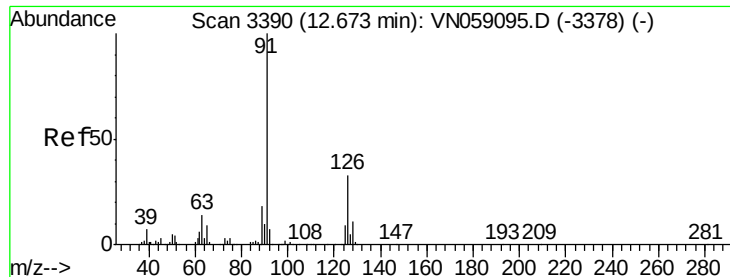
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.518 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

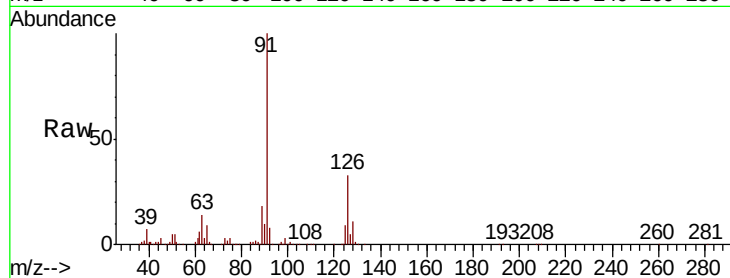
VSTDCCC050EC

Tot Ion: 91 Resp: 729297

Ion Ratio Lower Upper

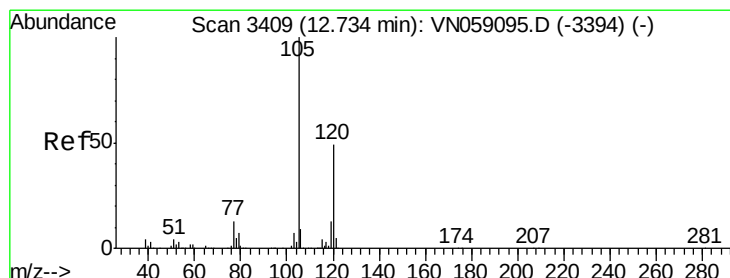
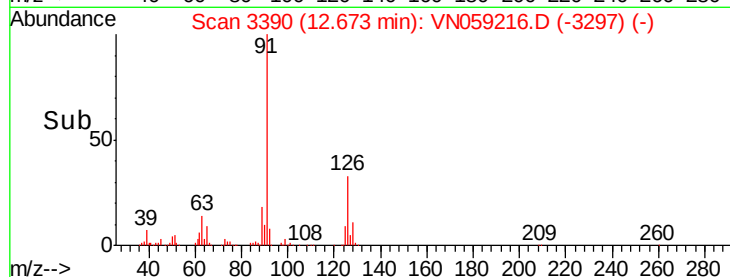
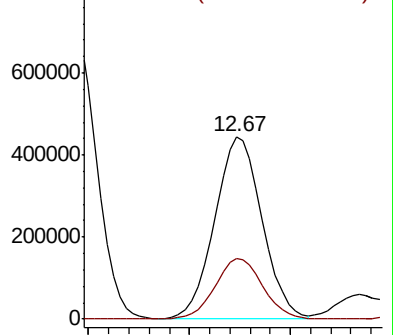
91 100

126 33.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059216.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN059216.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.213 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059216.D

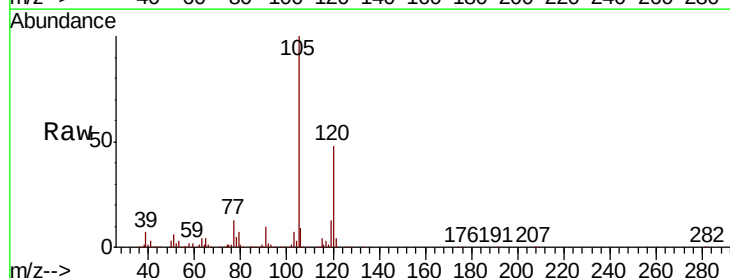
Acq: 13 Nov 2019 17:49

Tgt Ion: 105 Resp: 900404

Ion Ratio Lower Upper

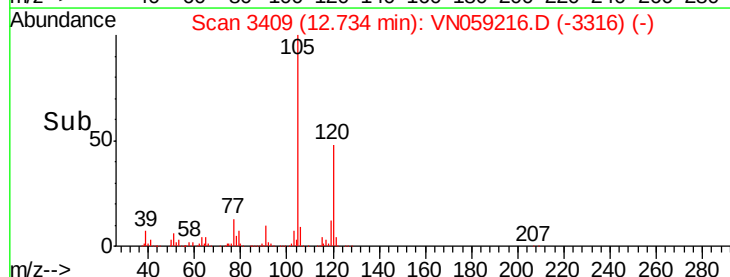
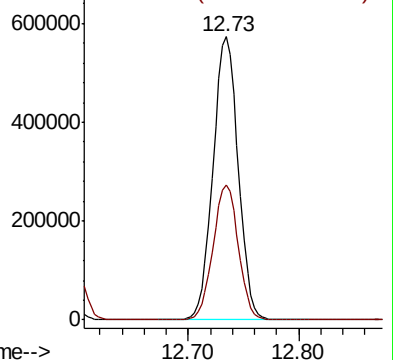
105 100

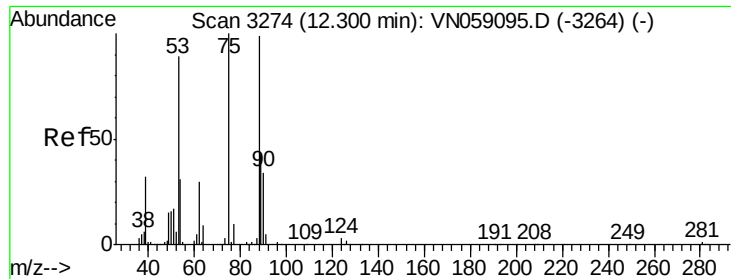
120 48.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059216.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN059216.D (-3316) (-)

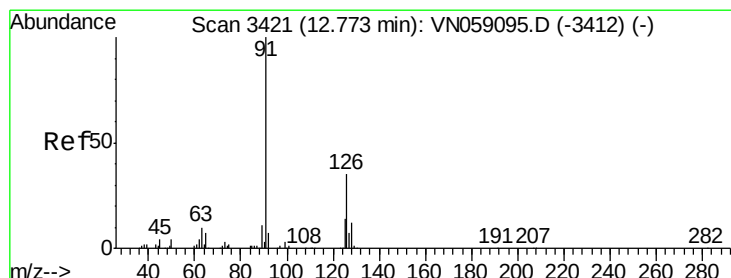
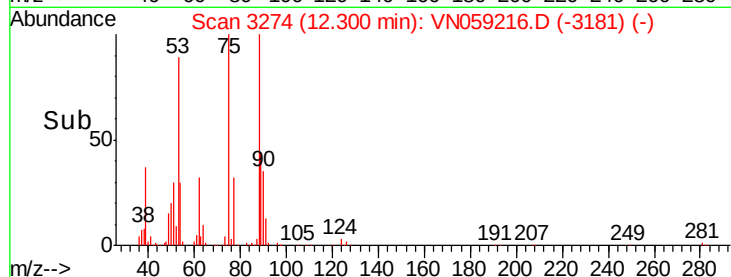
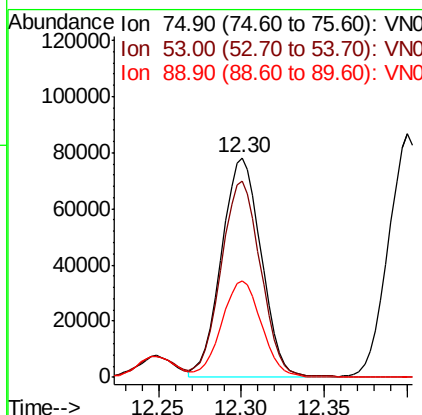
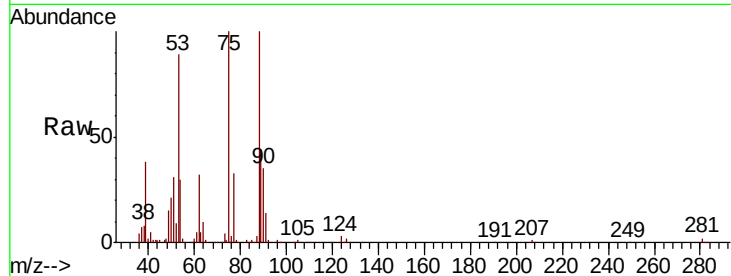




#81
trans-1,4-Dichloro-2-butene
Concen: 51.370 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

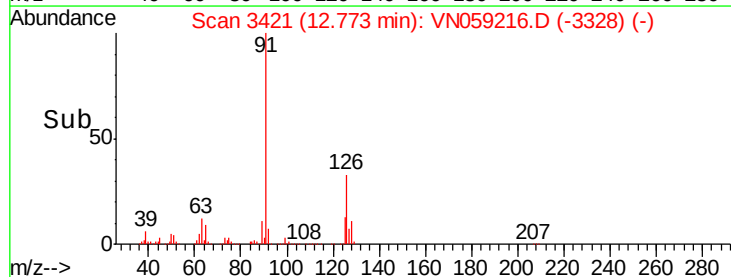
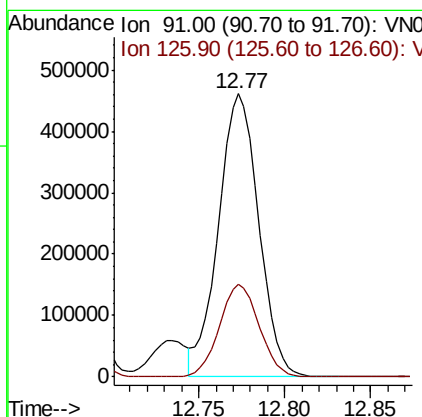
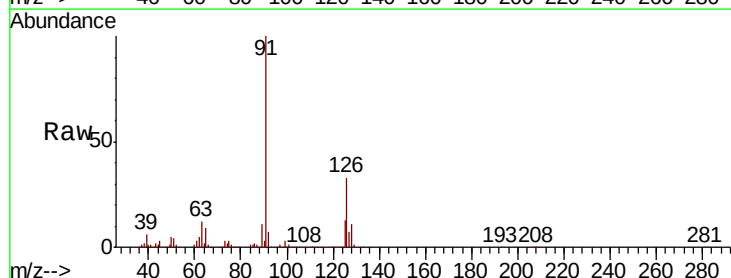
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

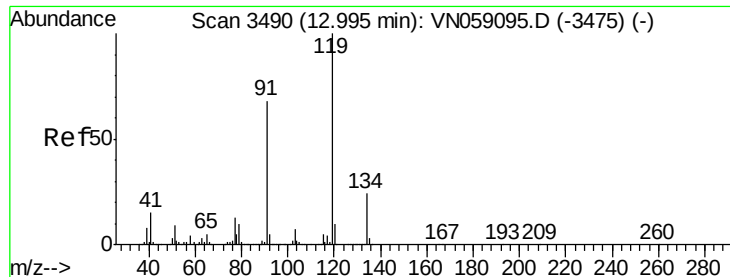
Tot Ion: 75 Resp: 128819
Ion Ratio Lower Upper
75 100
53 89.2 72.2 108.2
89 44.7 35.8 53.8



#82
4-Chlorotoluene
Concen: 49.685 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 91 Resp: 749059
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2

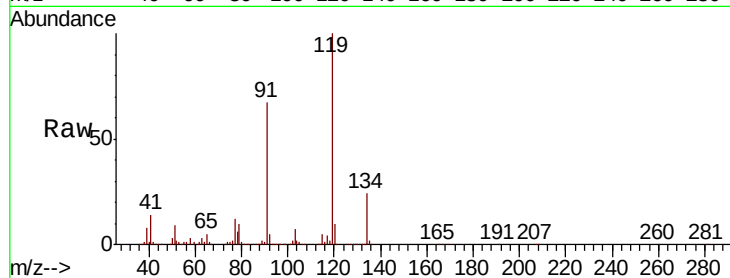




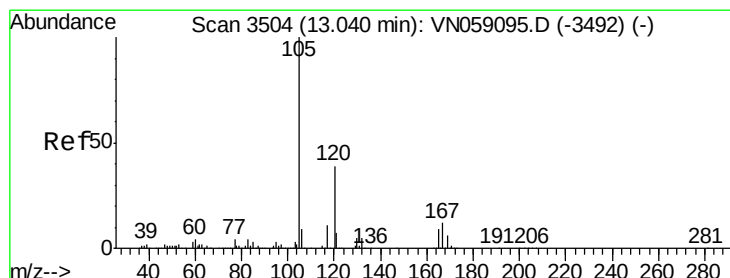
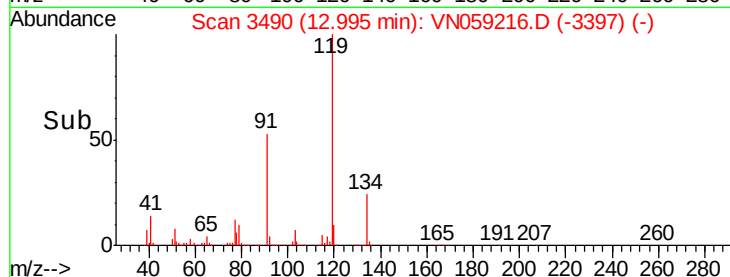
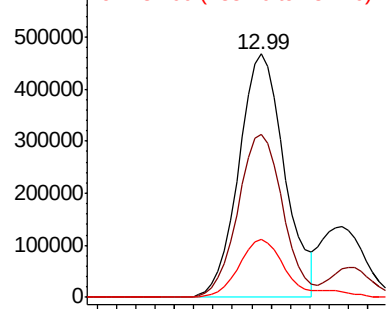
#83
 tert-Butylbenzene
 Concen: 49.595 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 767992
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.2 99.6
 134 25.4 12.7 38.1

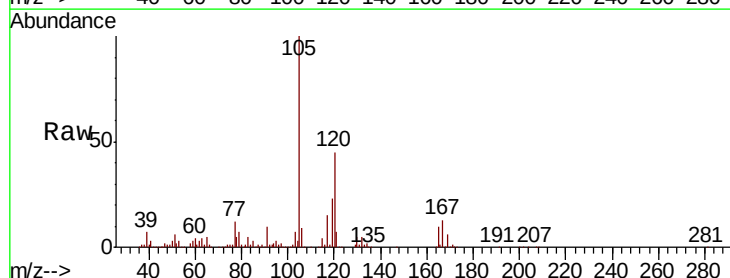


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

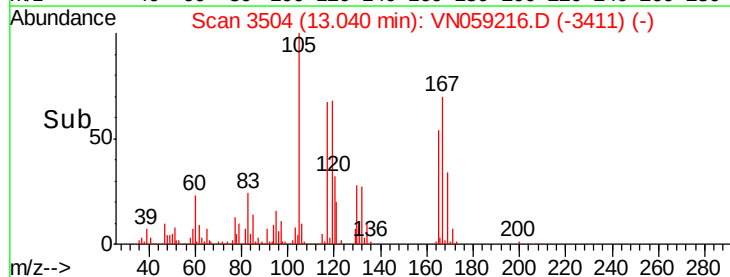
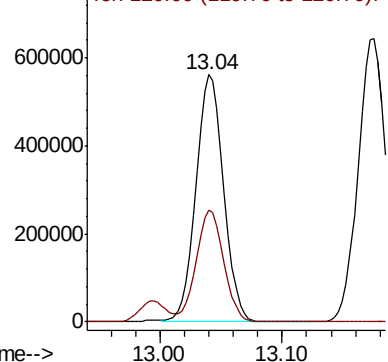


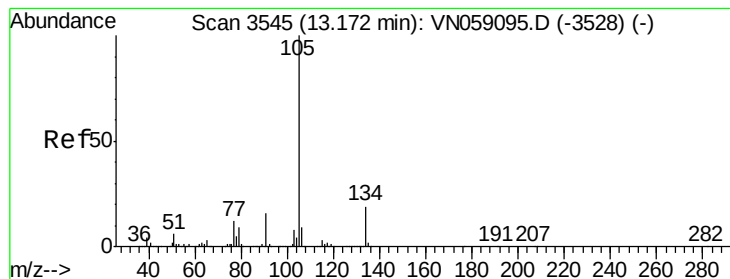
#84
 1,2,4-Trimethylbenzene
 Concen: 51.357 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Tgt Ion:105 Resp: 890980
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.245 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

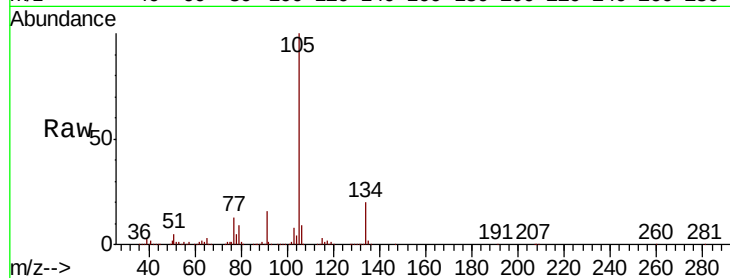
VSTDCCC050EC

Tot Ion:105 Resp: 1032050

Ion Ratio Lower Upper

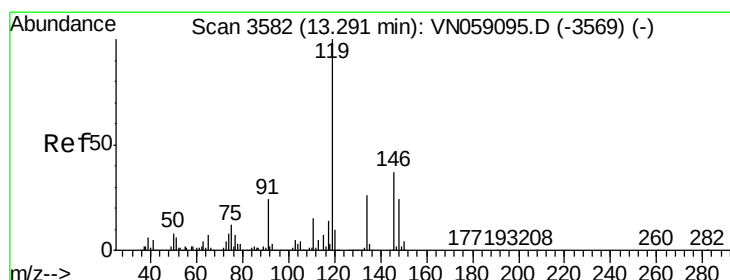
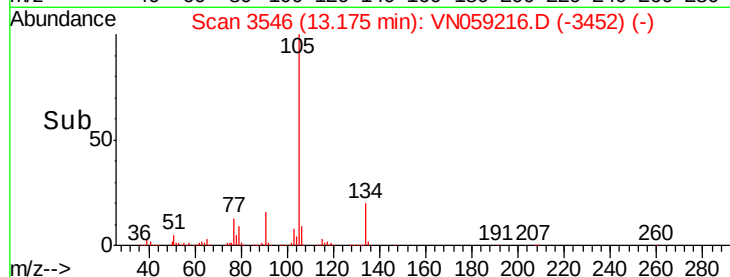
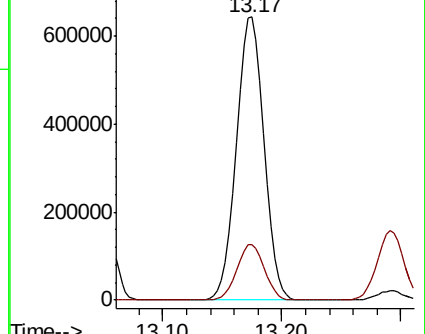
105 100

134 19.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.439 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

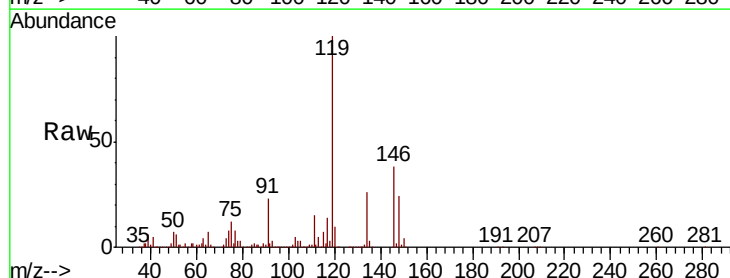
Tgt Ion:119 Resp: 932498

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

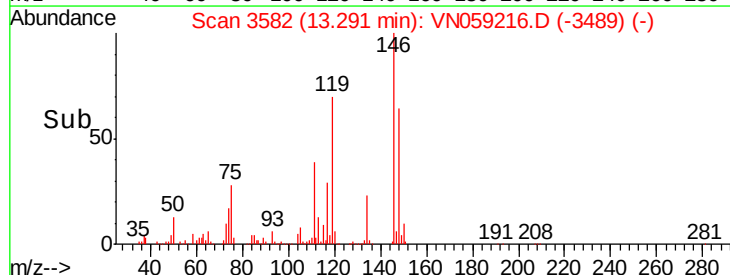
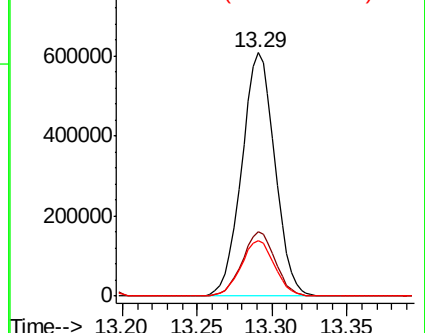
91 23.0 11.7 35.1

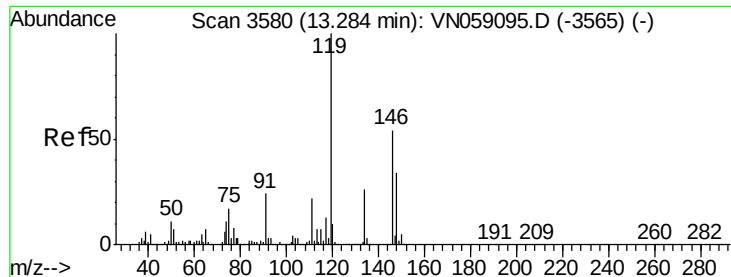


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.129 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

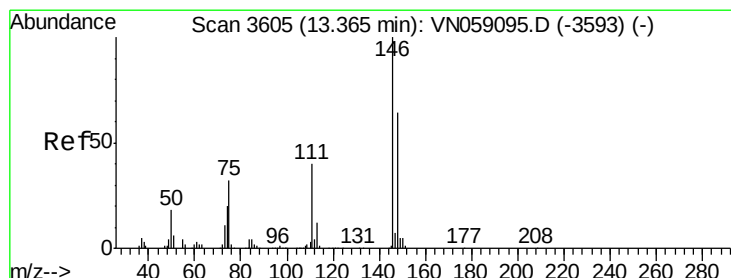
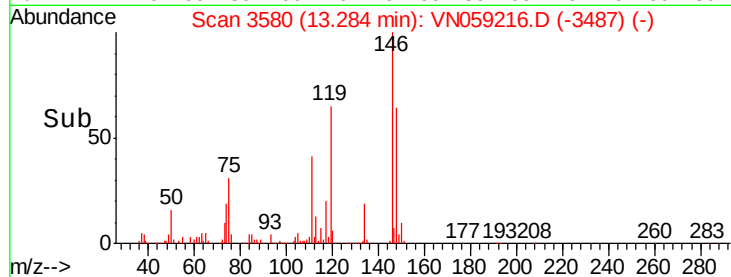
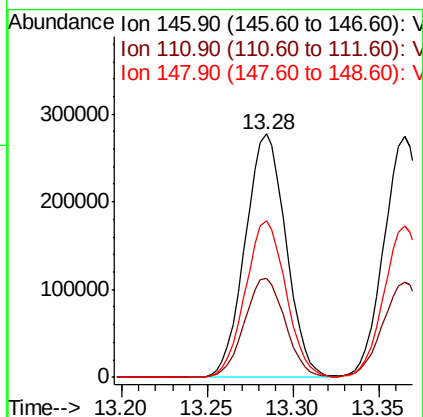
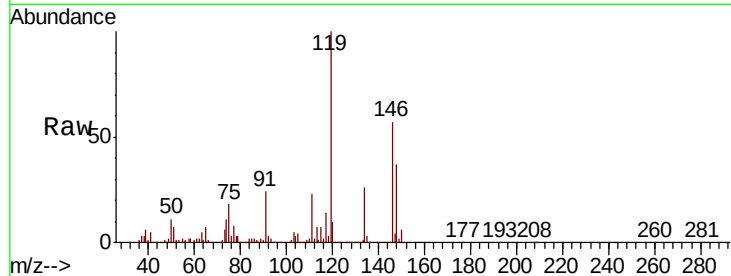
Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 456402

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.3
148	64.0	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 49.572 ug/l

RT: 13.36 min Scan# 3605

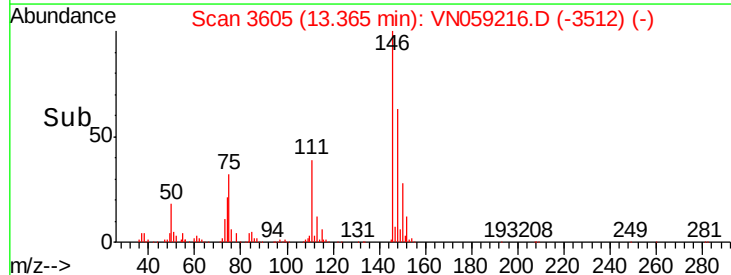
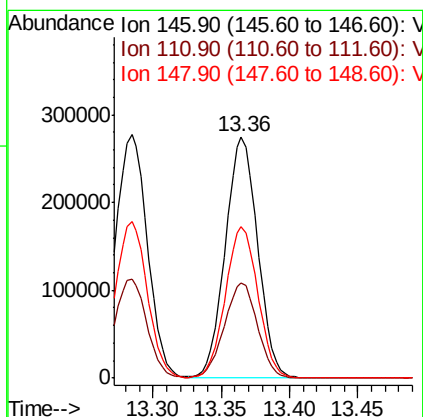
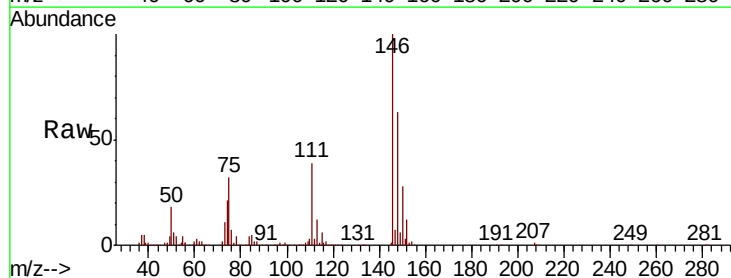
Delta R.T. -0.00 min

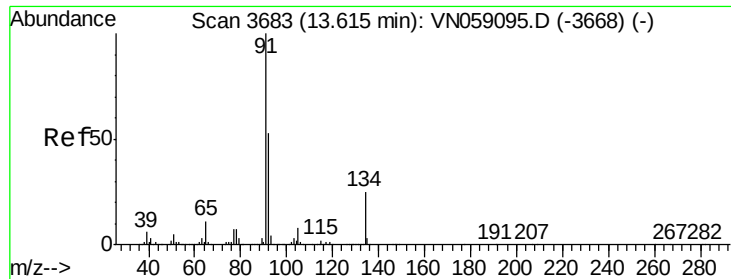
Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Tgt Ion:146 Resp: 451566

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	63.3	31.9	95.7

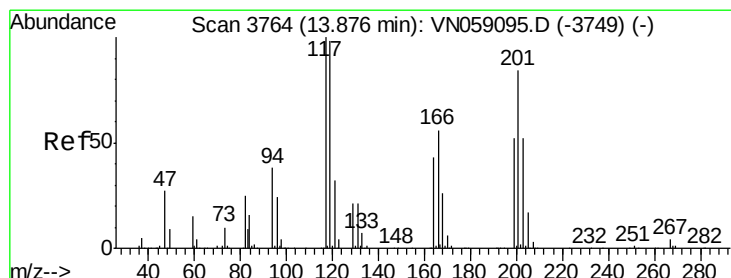
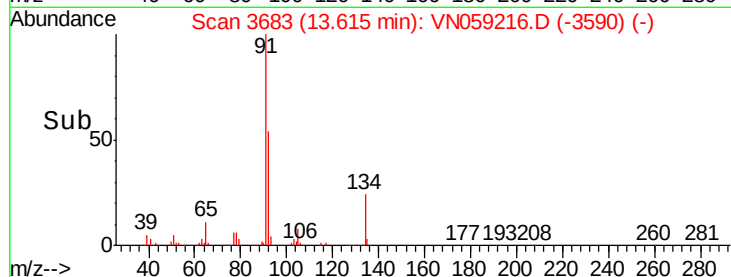
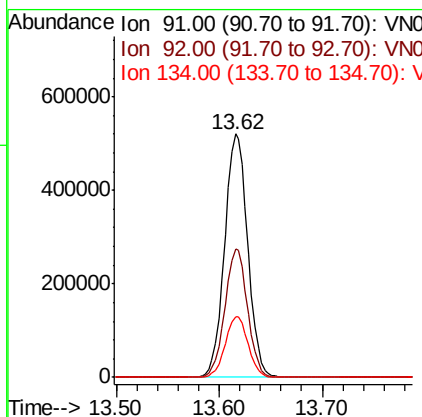
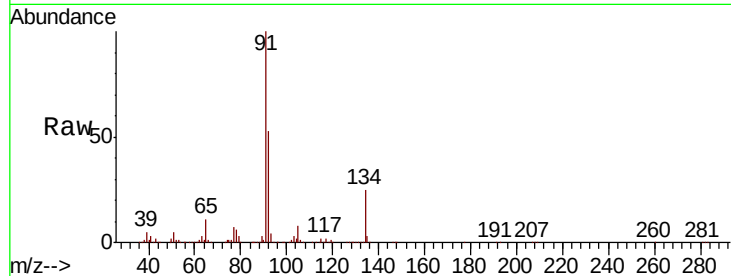




#89
n-Butylbenzene
Concen: 52.013 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

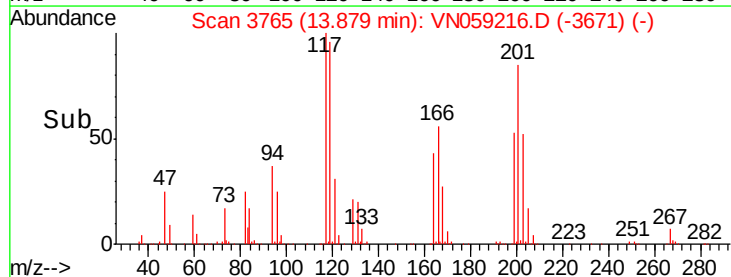
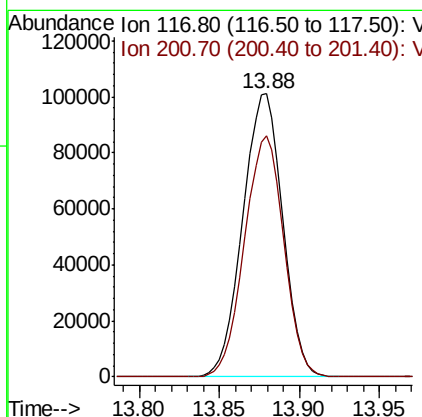
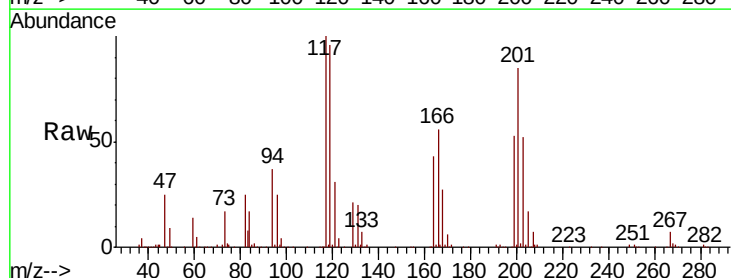
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

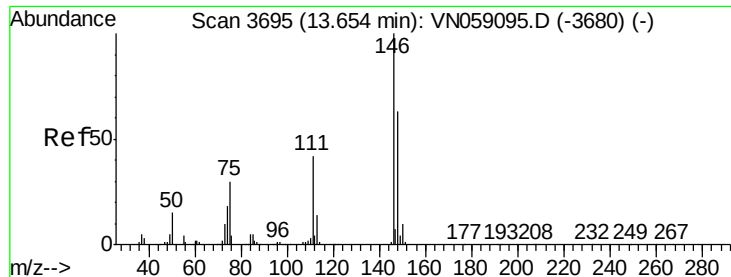
Tot Ion: 91 Resp: 809527
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.3
134 24.9 12.6 37.8



#90
Hexachloroethane
Concen: 48.290 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059216.D
Acq: 13 Nov 2019 17:49

Tgt Ion: 117 Resp: 172433
Ion Ratio Lower Upper
117 100
201 83.8 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 50.328 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

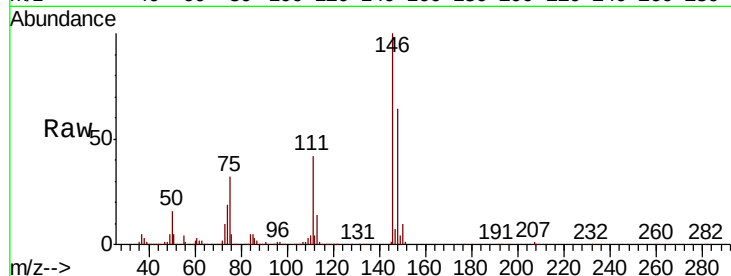
Tot Ion:146 Resp: 450744

Ion Ratio Lower Upper

146 100

111 42.3 21.2 63.6

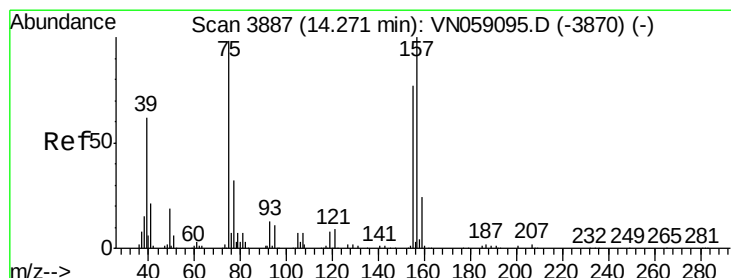
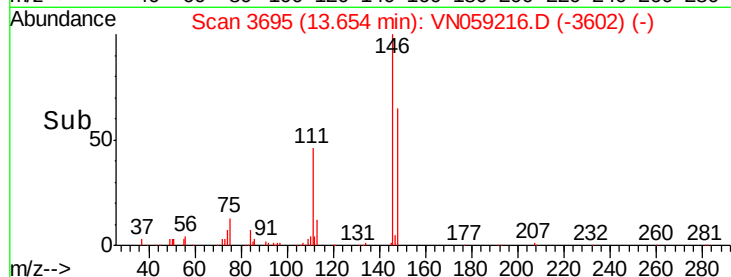
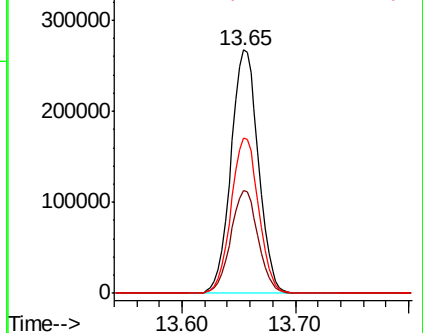
148 64.0 31.6 94.7



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: 53.902 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

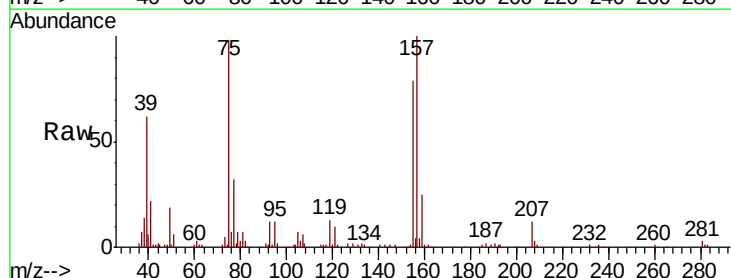
Tgt Ion: 75 Resp: 77503

Ion Ratio Lower Upper

75 100

155 81.0 40.2 120.6

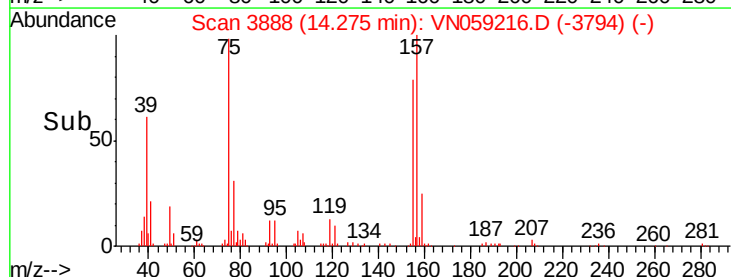
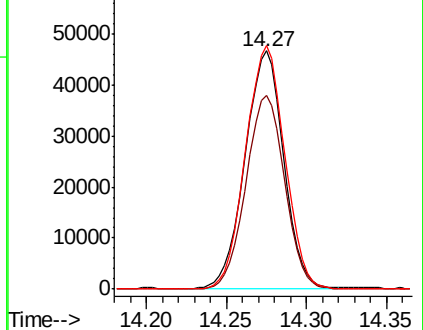
157 102.9 51.8 155.5

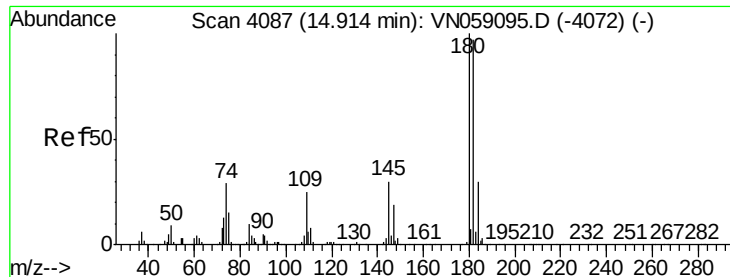


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

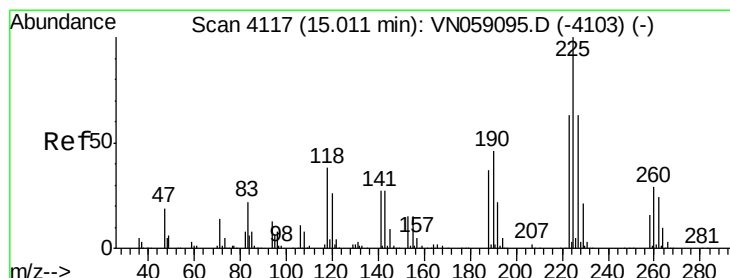
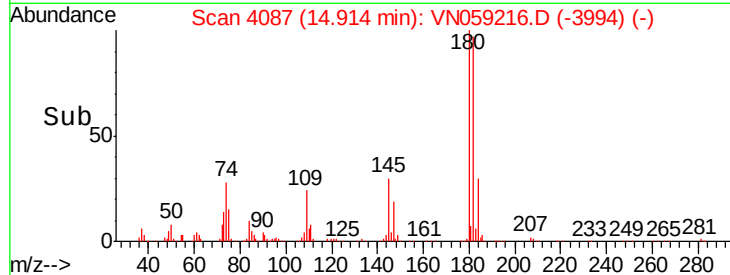
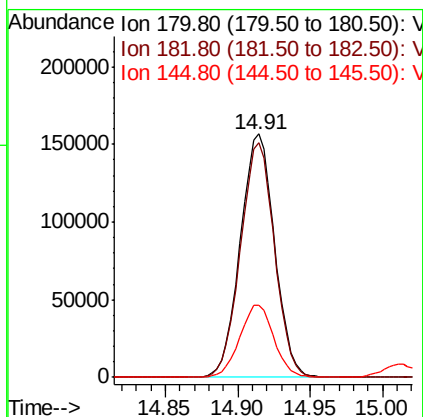
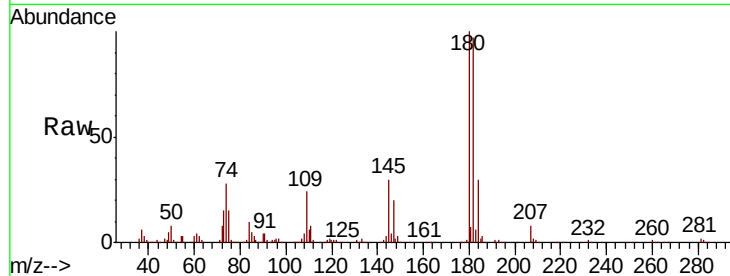




#93
 1,2,4-Trichlorobenzene
 Concen: 47.502 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

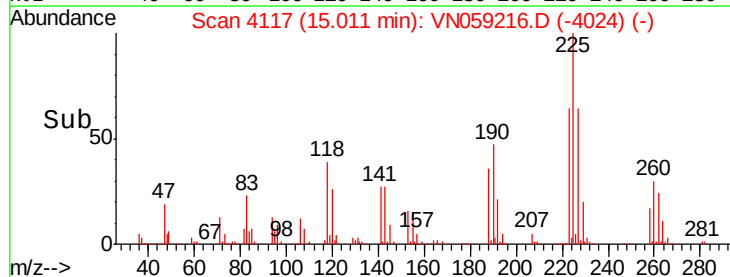
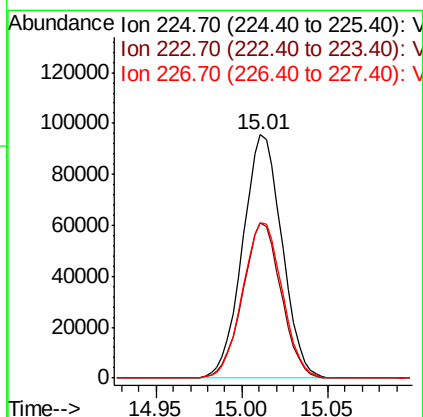
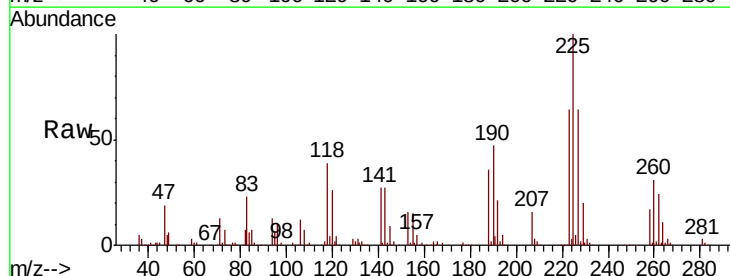
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

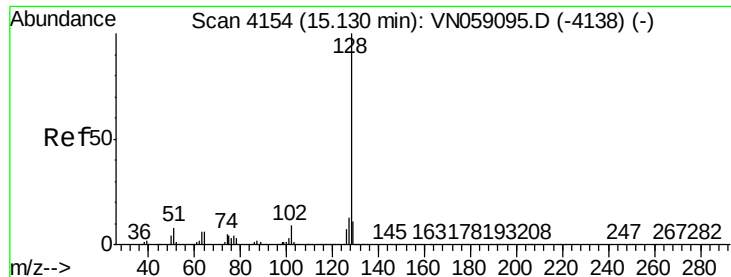
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	29.8	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 49.115 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059216.D
 Acq: 13 Nov 2019 17:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.3	93.9
227	64.3	31.5	94.5





#95

Naphthalene

Concen: 48.549 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

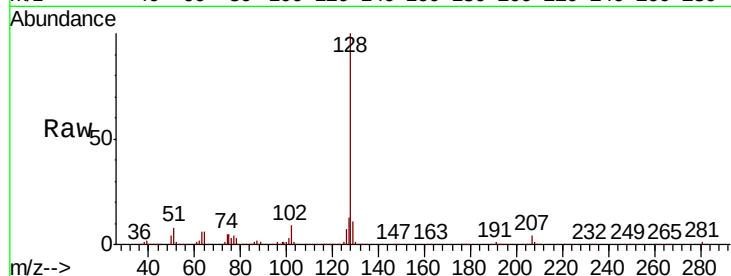
Tot Ion:128 Resp: 730488

Ion Ratio Lower Upper

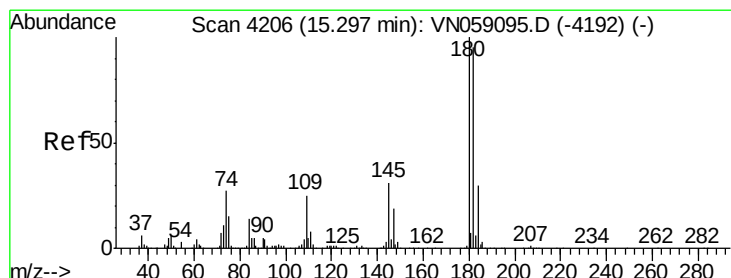
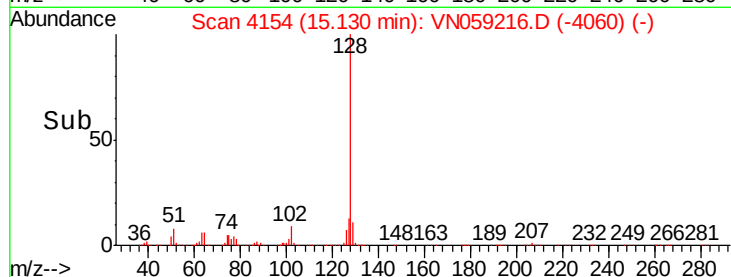
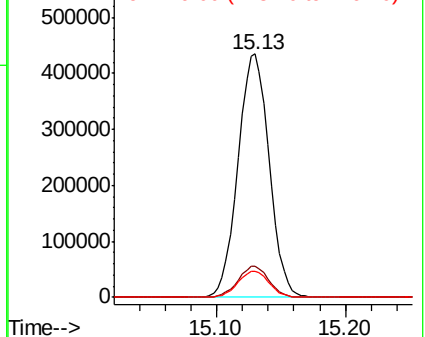
128 100

127 12.7 10.2 15.2

129 10.8 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 52.262 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059216.D

Acq: 13 Nov 2019 17:49

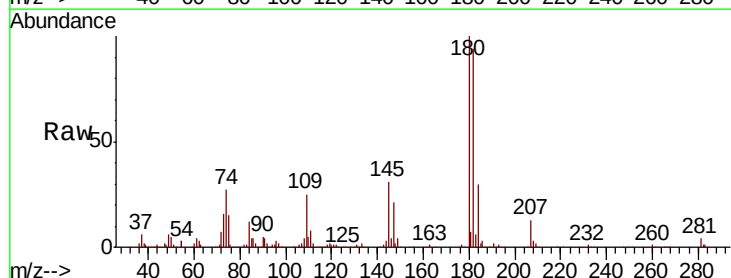
Tgt Ion:180 Resp: 262315

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 31.6 15.8 47.3



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

