

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
 Data File : VN059599.D
 Acq On : 16 Dec 2019 13:38
 Operator : JC/SP
 Sample : VN1216WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

Quant Time: Dec 17 04:46:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	259608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	417757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	375028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	123907	32.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.60%	
35) Dibromofluoromethane	7.56	113	84597	32.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.72%	
50) Toluene-d8	10.08	98	331332	32.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.04%	
62) 4-Bromofluorobenzene	12.40	95	114881	30.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37600	11.208	ug/l	98
3) Chloromethane	2.04	50	59860	11.244	ug/l	99
4) Vinyl Chloride	2.17	62	57117	11.314	ug/l	99
5) Bromomethane	2.55	94	31134	10.609	ug/l	99
6) Chloroethane	2.68	64	33071	11.656	ug/l	98
7) Trichlorofluoromethane	3.00	101	65948	11.906	ug/l	99
8) Diethyl Ether	3.38	74	19953	11.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	31495	11.283	ug/l	99
10) Methyl Iodide	3.92	142	40372	10.925	ug/l	99
11) Tert butyl alcohol	4.75	59	35637	51.456	ug/l	100
12) 1,1-Dichloroethene	3.71	96	29812	10.948	ug/l	97
13) Acrolein	3.58	56	22808	46.232	ug/l	94
14) Allyl chloride	4.29	41	59797	10.697	ug/l	98
15) Acrylonitrile	4.95	53	93915	56.061	ug/l	99
16) Acetone	3.79	43	106237	47.367	ug/l	99
17) Carbon Disulfide	4.02	76	97554	11.407	ug/l	99
18) Methyl Acetate	4.29	43	49774	10.591	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	107016	11.131	ug/l	99
20) Methylene Chloride	4.52	84	38323	11.831	ug/l	96
21) trans-1,2-Dichloroethene	5.00	96	33554	11.054	ug/l	98
22) Diisopropyl ether	5.92	45	115196	11.178	ug/l	93
23) Vinyl Acetate	5.86	43	478817	59.206	ug/l	99
24) 1,1-Dichloroethane	5.82	63	68443	11.725	ug/l	99
25) 2-Butanone	6.81	43	137015	51.087	ug/l	100
26) 2,2-Dichloropropane	6.79	77	58850	11.092	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	37818	11.243	ug/l	96
28) Bromochloromethane	7.17	49	35377	14.756	ug/l	100
29) Tetrahydrofuran	7.18	42	84691	51.827	ug/l	99
30) Chloroform	7.35	83	65874	11.464	ug/l	97
31) Cyclohexane	7.63	56	62662	11.360	ug/l #	96
32) 1,1,1-Trichloroethane	7.54	97	58152	11.225	ug/l	100
36) 1,1-Dichloropropene	7.77	75	48702	11.179	ug/l	98
37) Ethyl Acetate	6.90	43	54534	10.770	ug/l	99
38) Carbon Tetrachloride	7.75	117	50255	11.117	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	54705	11.070	ug/l	97
40) Benzene	8.02	78	146350	11.495	ug/l	98
41) Methacrylonitrile	7.14	41	19219	9.197	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	57570	11.807	ug/l	100
43) Isopropyl Acetate	8.14	43	82705	10.506	ug/l #	92
44) Trichloroethene	8.82	130	37612	11.279	ug/l	99
45) 1,2-Dichloropropane	9.10	63	38577	11.221	ug/l	98
46) Dibromomethane	9.19	93	25130	11.157	ug/l	96
47) Bromodichloromethane	9.39	83	51795	11.534	ug/l	98
48) Methyl methacrylate	9.18	41	37387	10.468	ug/l	97
49) 1,4-Dioxane	9.18	88	11398	222.684	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	253868	54.087	ug/l	100
52) Toluene	10.14	92	86345	11.038	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	57478	11.067	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	60899	11.155	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	34493	11.237	ug/l	99
56) Ethyl methacrylate	10.42	69	47373	10.395	ug/l	97
57) 1,3-Dichloropropane	10.70	76	59988	11.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	97218	67.078	ug/l	99
59) 2-Hexanone	10.74	43	190799	51.577	ug/l	99
60) Dibromochloromethane	10.89	129	37167	11.094	ug/l	99
61) 1,2-Dibromoethane	11.00	107	36129	11.098	ug/l	97
64) Tetrachloroethene	10.62	164	36281	10.378	ug/l	95
65) Chlorobenzene	11.43	112	91161	11.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	33594	10.899	ug/l	96
67) Ethyl Benzene	11.51	91	162140	11.070	ug/l	99
68) m/p-Xylenes	11.62	106	119056	22.012	ug/l	100
69) o-Xylene	11.94	106	56451	10.969	ug/l	99
70) Styrene	11.96	104	86847	10.503	ug/l	100
71) Bromoform	12.12	173	25143	10.852	ug/l #	97
73) Isopropylbenzene	12.25	105	151266	11.498	ug/l	99
74) N-amyl acetate	12.07	43	64583	10.702	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	47842	11.464	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	69991	16.870	ug/l #	100
77) Bromobenzene	12.52	156	36861	11.393	ug/l	96
78) n-propylbenzene	12.59	91	176823	11.370	ug/l	100
79) 2-Chlorotoluene	12.67	91	106910	11.369	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	128093	11.505	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	17117	10.190	ug/l	95
82) 4-Chlorotoluene	12.77	91	108949	11.315	ug/l	100
83) tert-Butylbenzene	12.99	119	105375	11.176	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	124093	11.209	ug/l	100
85) sec-Butylbenzene	13.17	105	141715	11.299	ug/l	99
86) p-Isopropyltoluene	13.29	119	126067	11.098	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	64716	10.878	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	64720	10.790	ug/l	97
89) n-Butylbenzene	13.62	91	112902	10.601	ug/l	100
90) Hexachloroethane	13.87	117	24440	11.383	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	64130	10.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11691	11.262	ug/l	91

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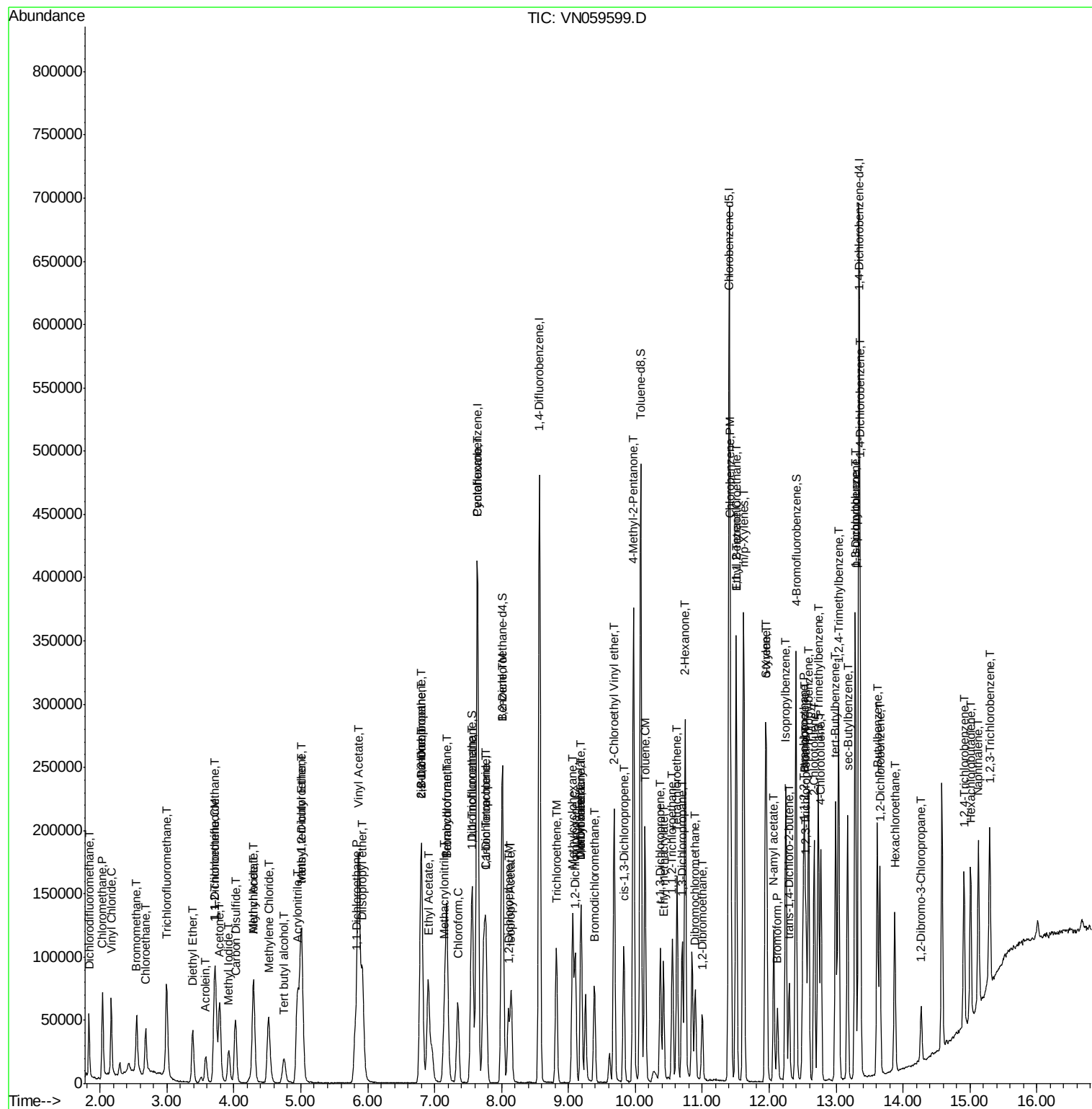
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	37323	9.851	ug/l	98
94) Hexachlorobutadiene	15.01	225	21621	11.725	ug/l	98
95) Naphthalene	15.13	128	105863	9.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	37316	9.738	ug/l	97

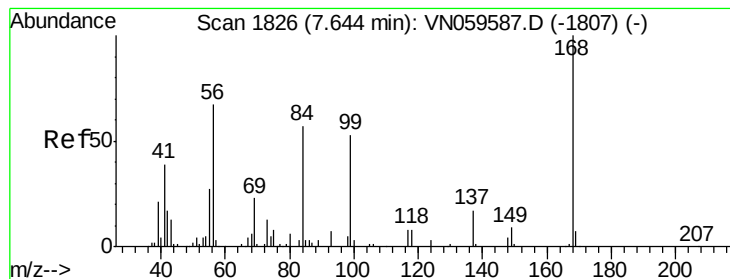
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

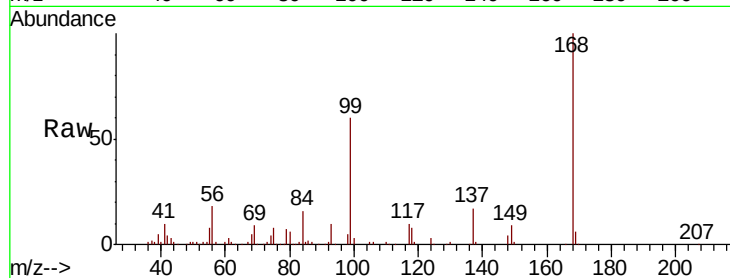
VN1216WBS01

Tgt Ion:168 Resp: 259608

Ion Ratio Lower Upper

168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

120000

100000

80000

60000

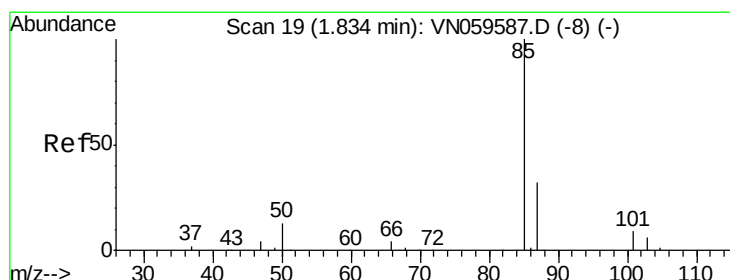
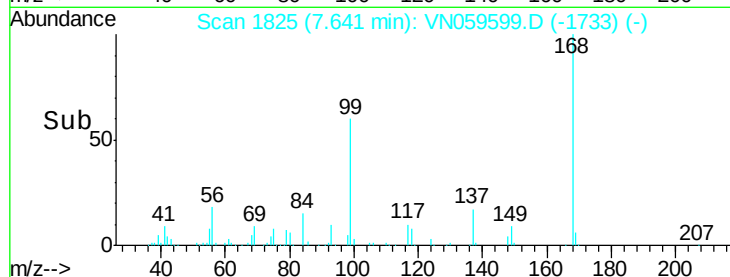
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 11.208 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059599.D

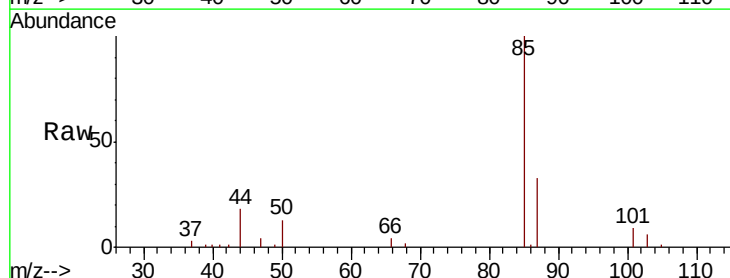
Acq: 16 Dec 2019 13:38

Tgt Ion: 85 Resp: 37600

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

15000

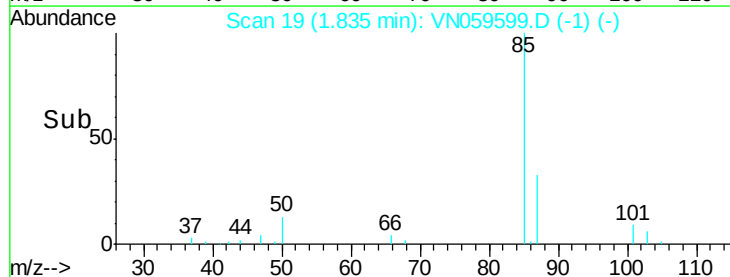
10000

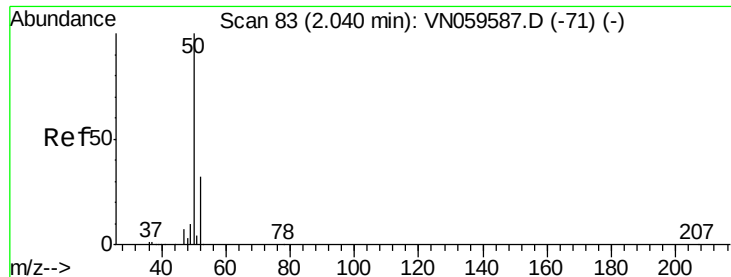
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 11.244 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

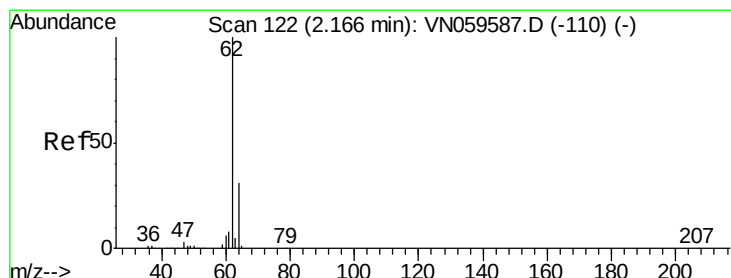
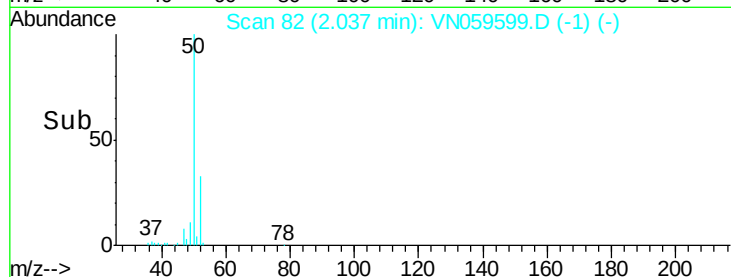
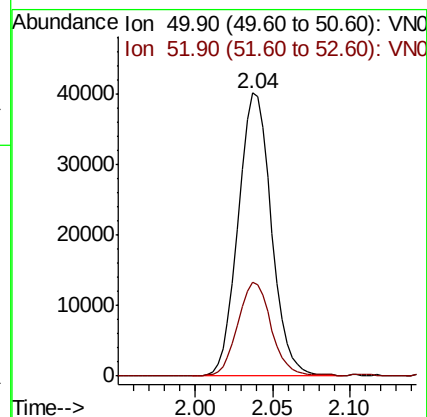
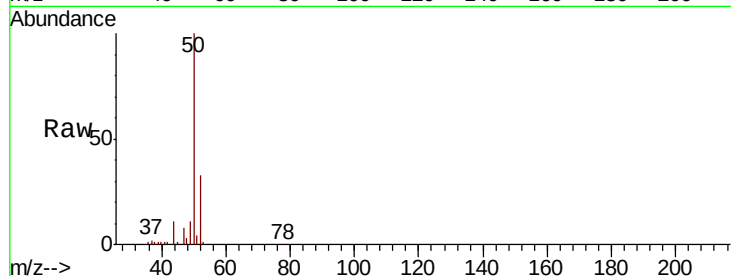
VN1216WBS01

Tgt Ion: 50 Resp: 59860

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



#4

Vinyl Chloride

Concen: 11.314 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059599.D

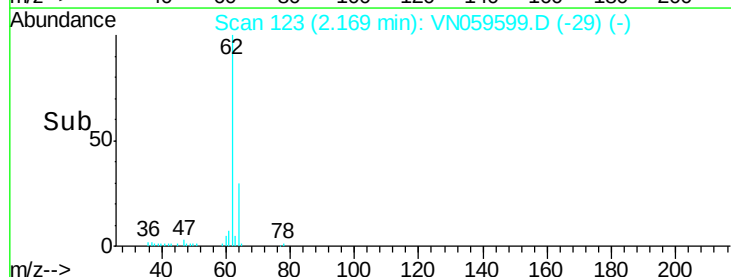
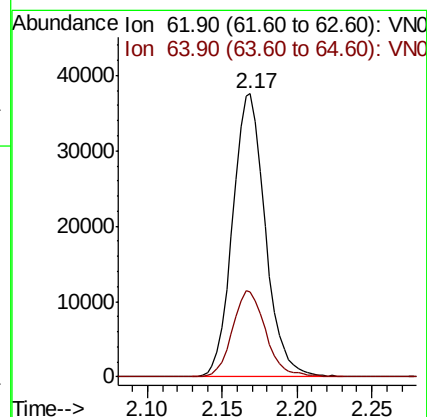
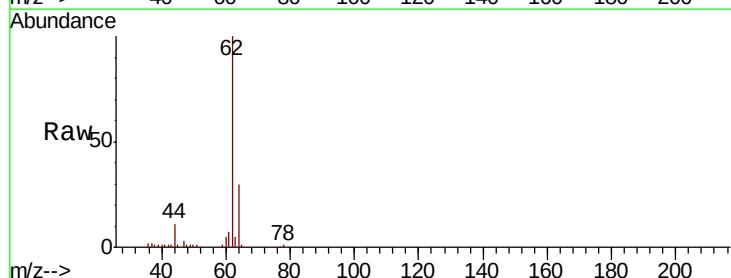
Acq: 16 Dec 2019 13:38

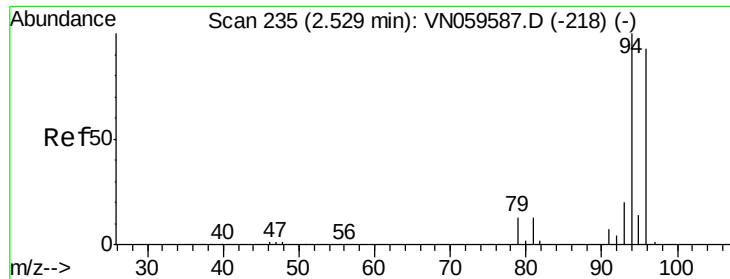
Tgt Ion: 62 Resp: 57117

Ion Ratio Lower Upper

62 100

64 30.1 24.6 37.0





#5

Bromomethane

Concen: 10.609 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

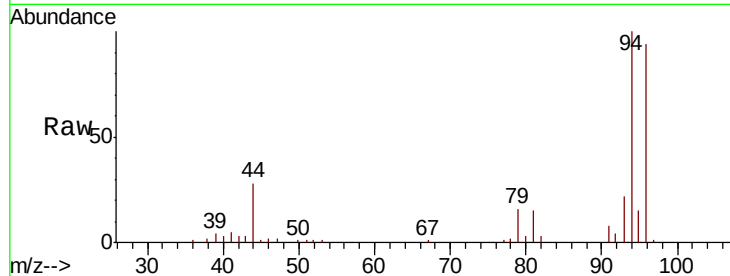
VN1216WBS01

Tgt Ion: 94 Resp: 31134

Ion Ratio Lower Upper

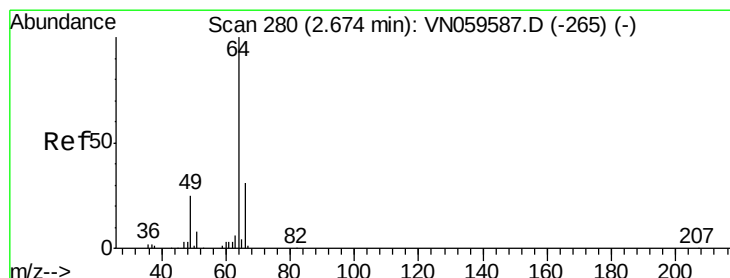
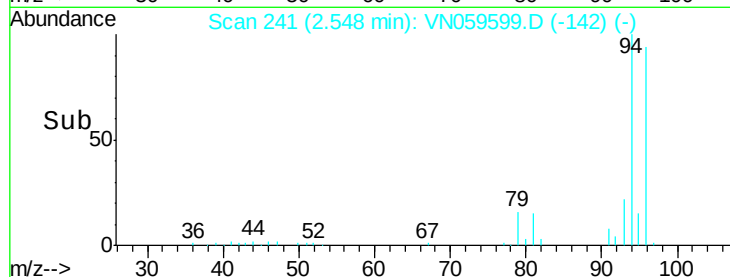
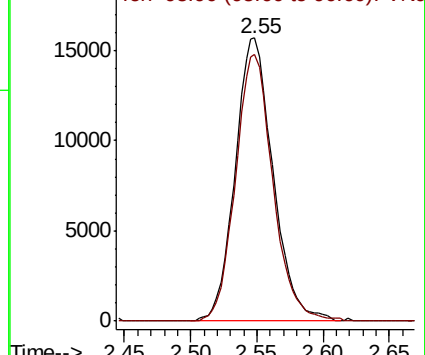
94 100

96 94.5 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 11.656 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN059599.D

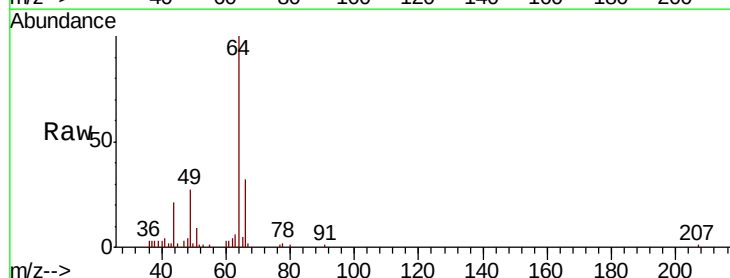
Acq: 16 Dec 2019 13:38

Tgt Ion: 64 Resp: 33071

Ion Ratio Lower Upper

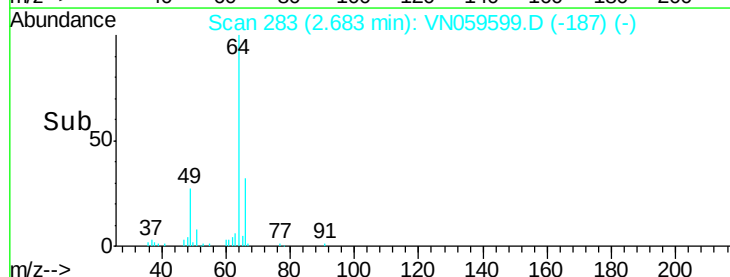
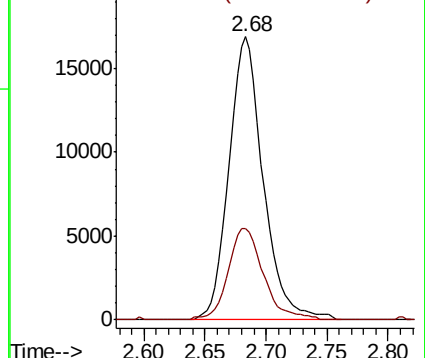
64 100

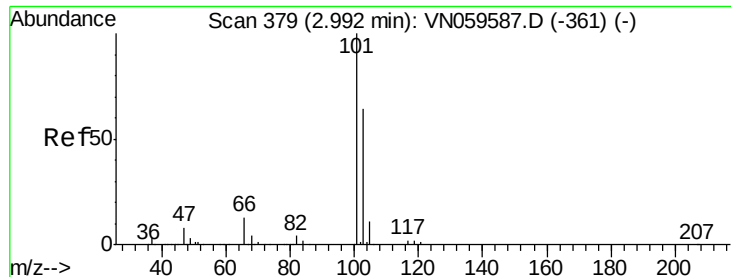
66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



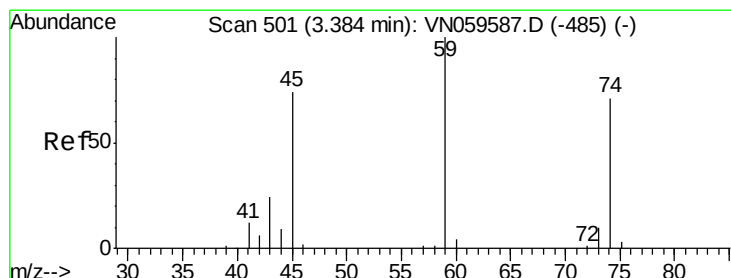
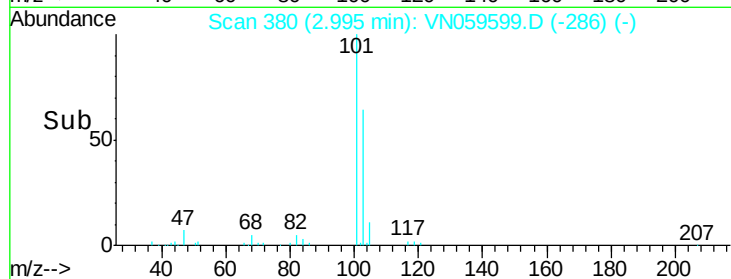
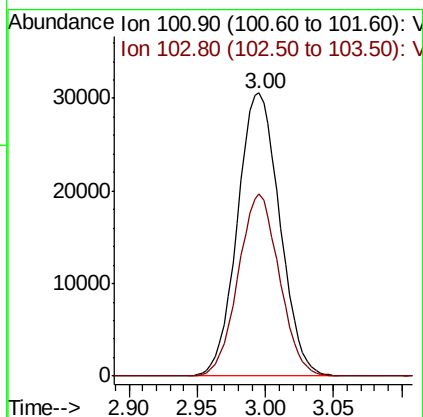
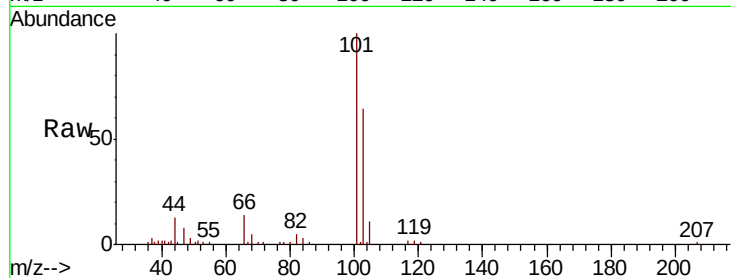


#7

Trichlorofluoromethane
 Concen: 11.906 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

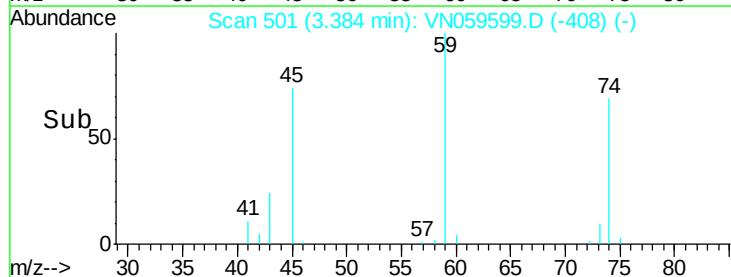
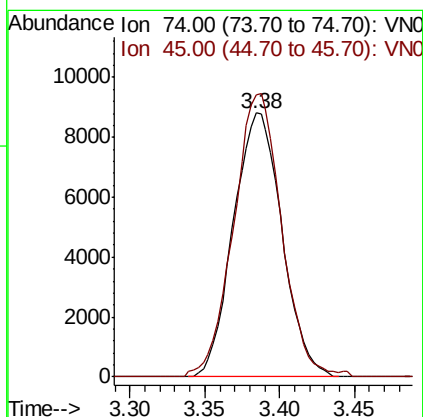
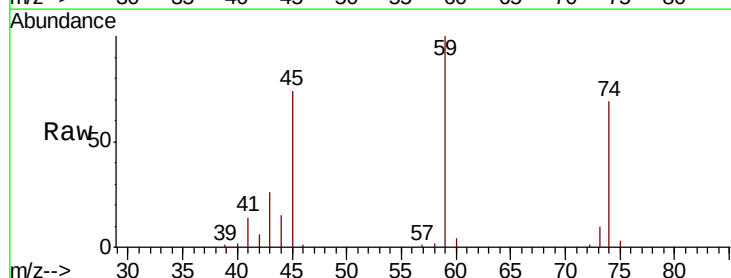
Tgt Ion:101 Resp: 65948
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.6

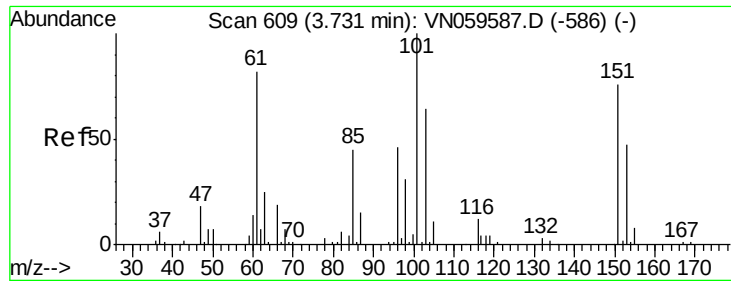


#8

Diethyl Ether
 Concen: 11.529 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion: 74 Resp: 19953
 Ion Ratio Lower Upper
 74 100
 45 105.9 51.9 155.8

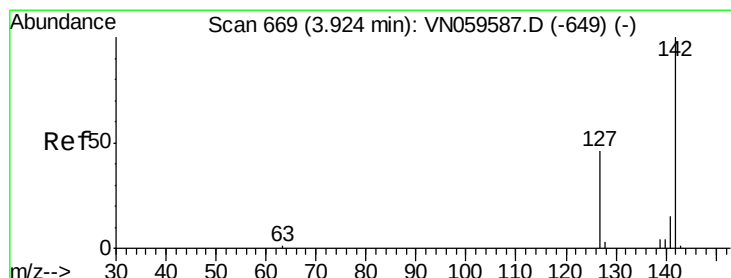
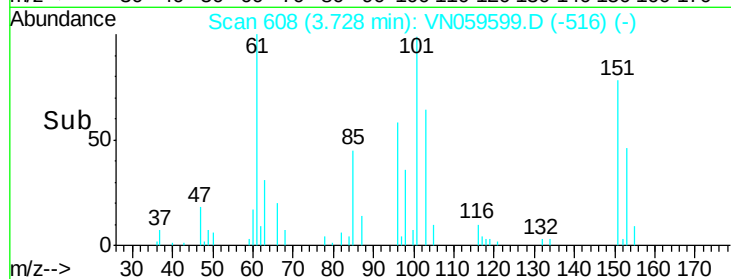
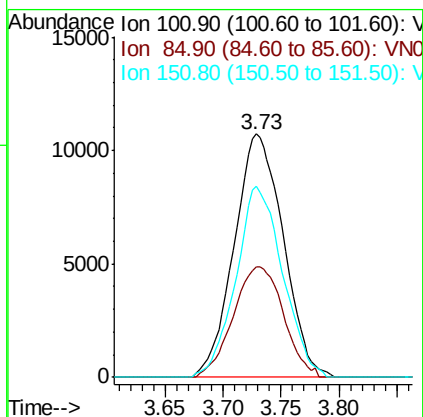
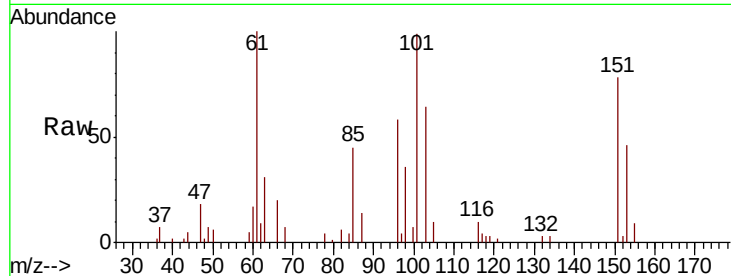




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.283 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

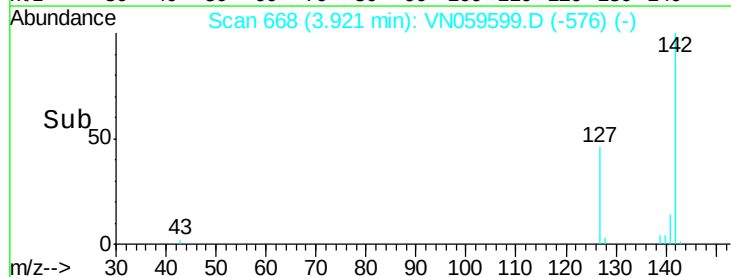
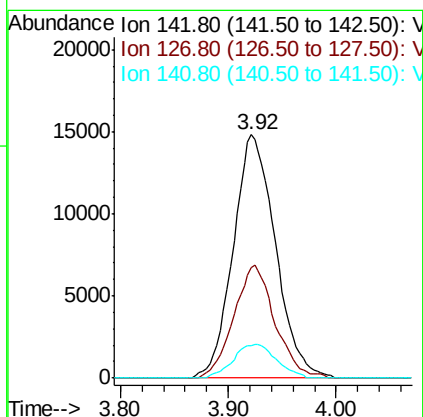
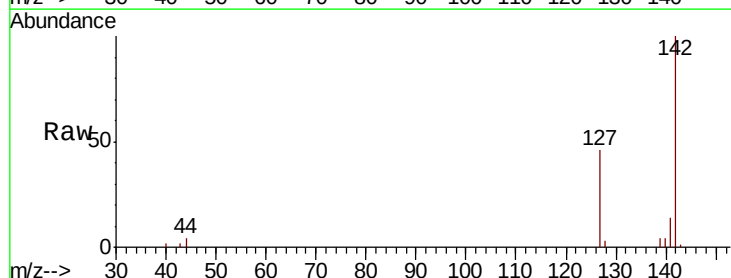
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

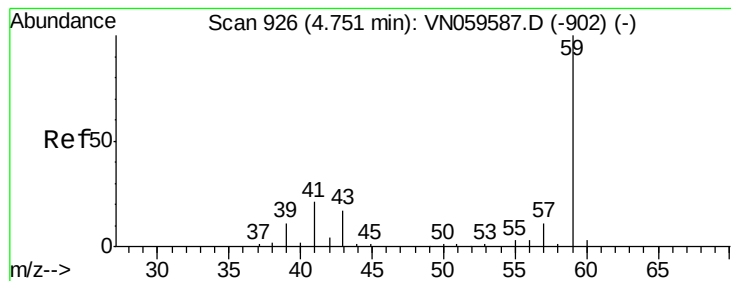
Tgt Ion:101 Resp: 31495
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.6 54.8
 151 74.9 59.7 89.5



#10
 Methyl Iodide
 Concen: 10.925 ug/l
 RT: 3.92 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion:142 Resp: 40372
 Ion Ratio Lower Upper
 142 100
 127 45.1 36.7 55.1
 141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 51.456 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

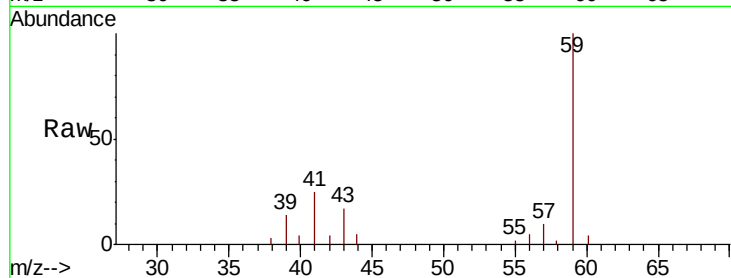
VN1216WBS01

Tgt Ion: 59 Resp: 35637

Ion Ratio Lower Upper

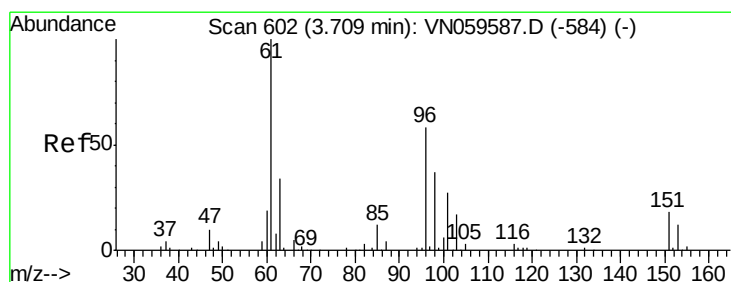
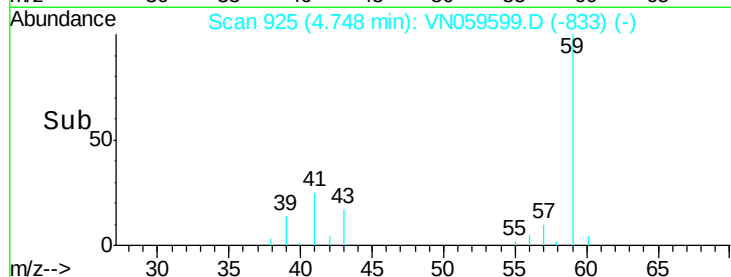
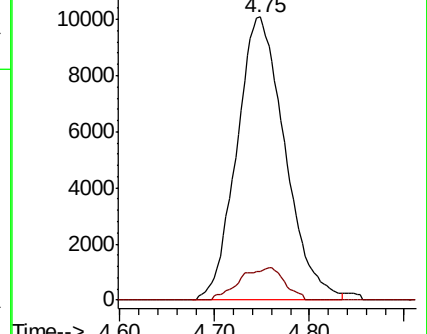
59 100

57 10.7 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 10.948 ug/l

RT: 3.71 min Scan# 602

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

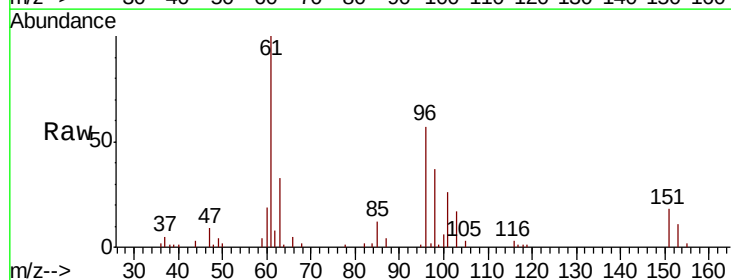
Tgt Ion: 96 Resp: 29812

Ion Ratio Lower Upper

96 100

61 176.2 137.5 206.3

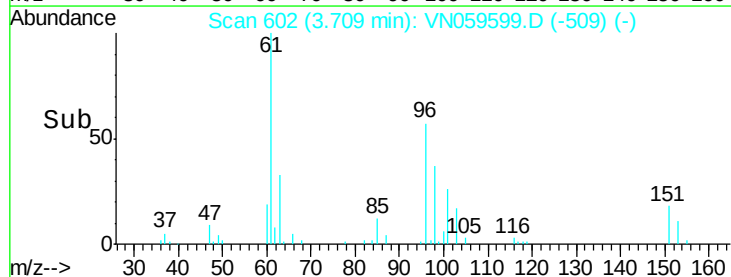
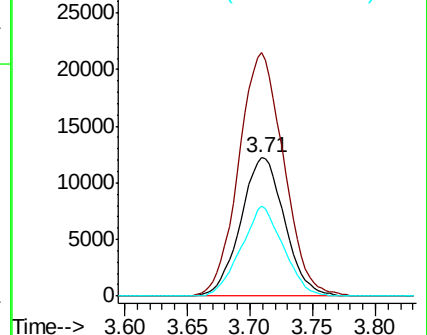
98 65.2 50.2 75.4

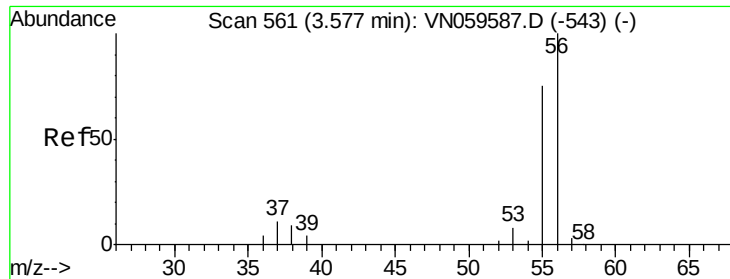


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 46.232 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.01 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

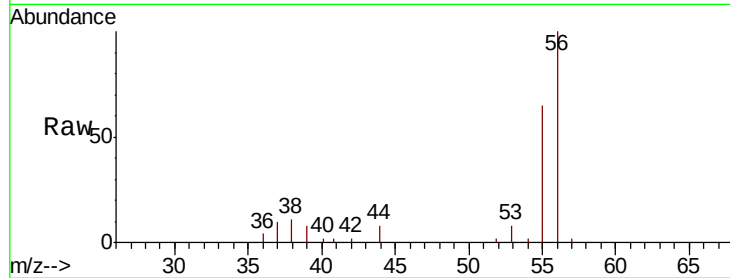
VN1216WBS01

Tgt Ion: 56 Resp: 22808

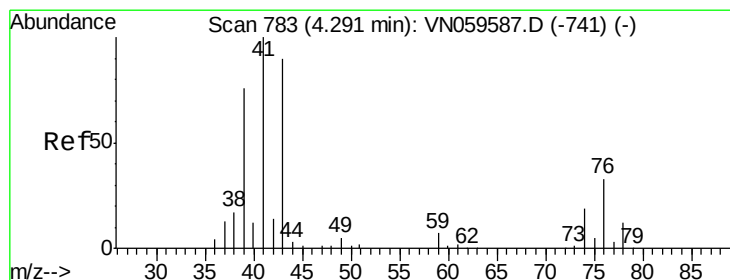
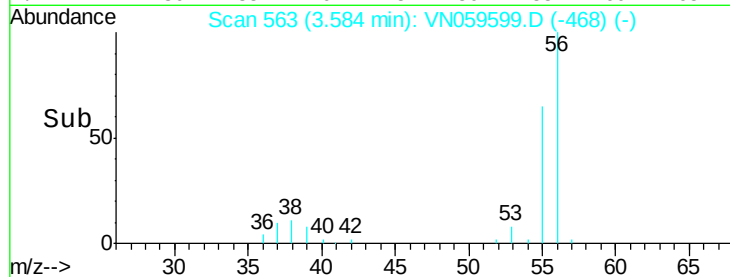
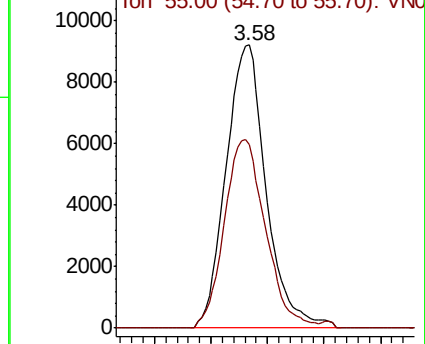
Ion Ratio Lower Upper

56 100

55 68.4 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059599.D (-468) (-)



#14

Allyl chloride

Concen: 10.697 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

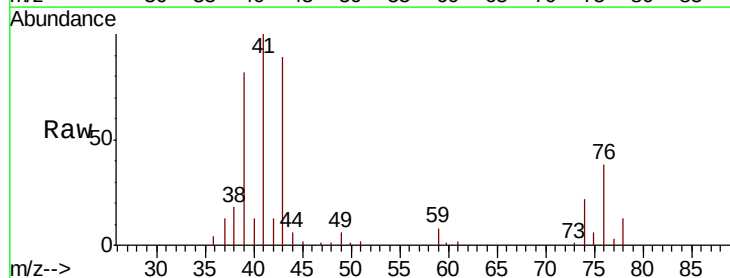
Tgt Ion: 41 Resp: 59797

Ion Ratio Lower Upper

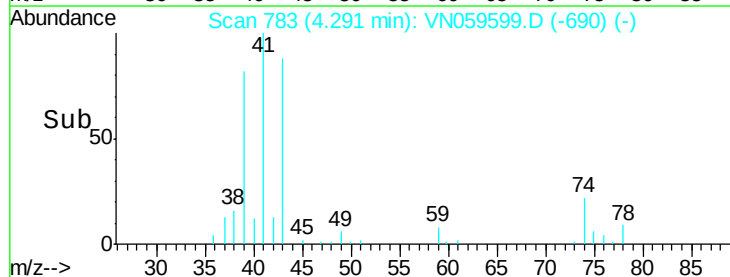
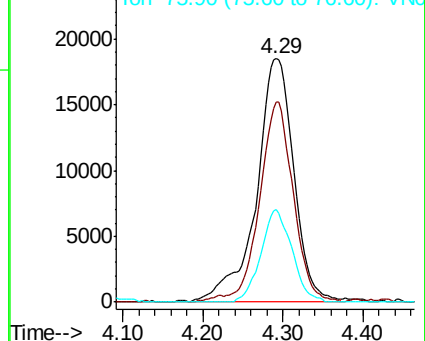
41 100

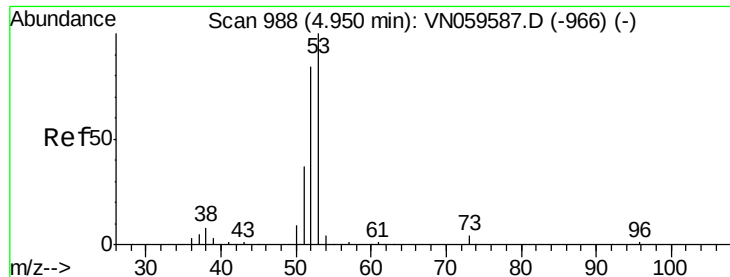
39 74.3 57.8 86.8

76 31.4 25.4 38.0



Abundance Ion 41.00 (40.70 to 41.70): VN059599.D (-690) (-)





#15

Acrylonitrile

Concen: 56.061 ug/l

RT: 4.95 min Scan# 988

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

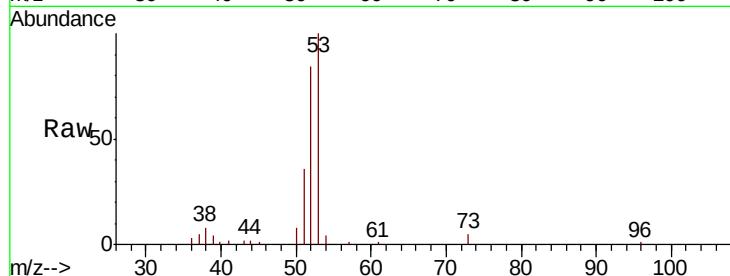
Tgt Ion: 53 Resp: 93915

Ion Ratio Lower Upper

53 100

52 82.6 66.3 99.5

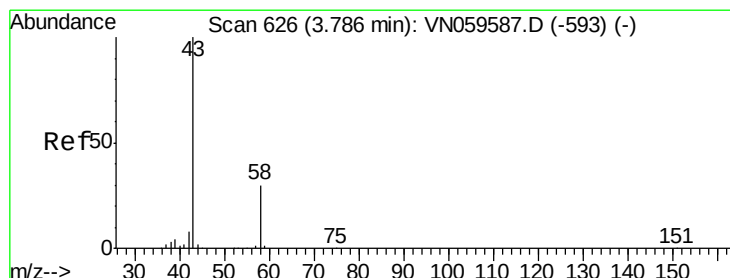
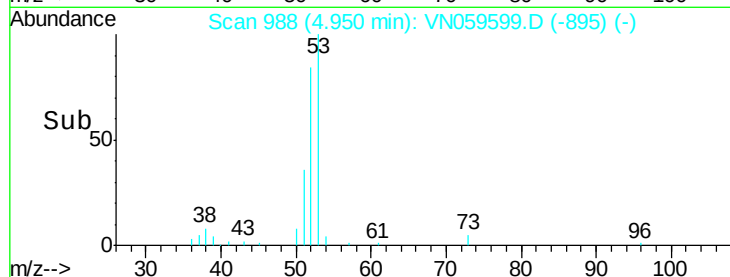
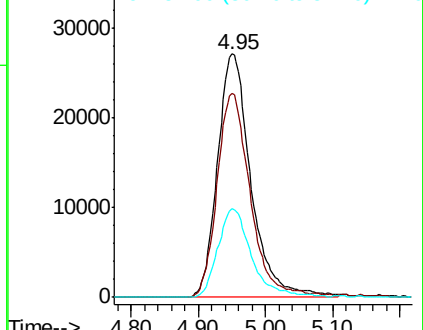
51 36.3 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059587.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059587.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059587.D (-966) (-)



#16

Acetone

Concen: 47.367 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.00 min

Lab File: VN059599.D

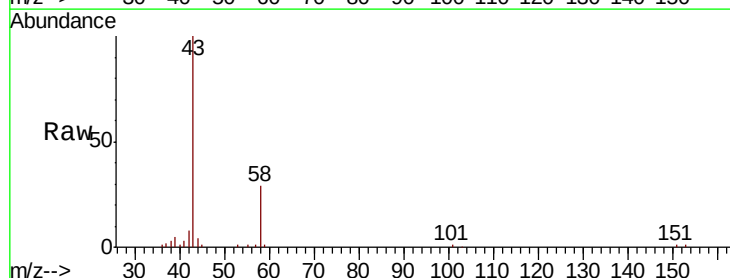
Acq: 16 Dec 2019 13:38

Tgt Ion: 43 Resp: 106237

Ion Ratio Lower Upper

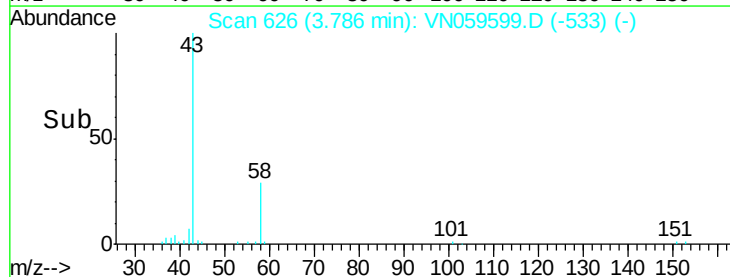
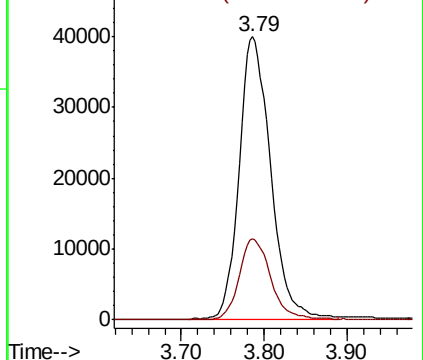
43 100

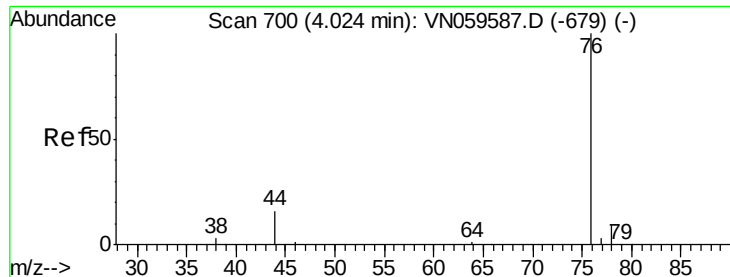
58 28.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)





#17

Carbon Disulfide

Concen: 11.407 ug/l

RT: 4.02 min Scan# 700

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

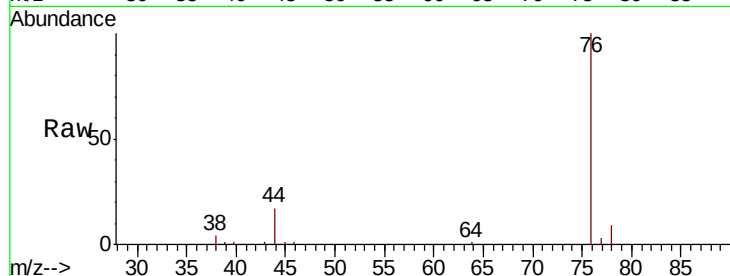
VN1216WBS01

Tgt Ion: 76 Resp: 97554

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059599.D (-607) (-)

Ion 77.90 (77.60 to 78.60): VN059599.D (-607) (-)

4.02

40000

30000

20000

10000

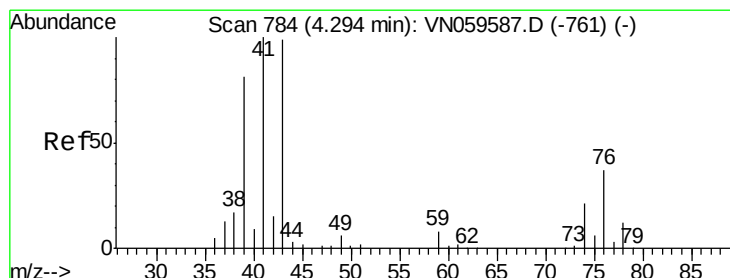
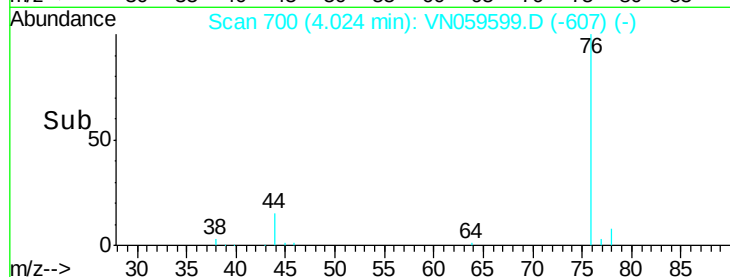
0

Time-->

3.90

4.00

4.10



#18

Methyl Acetate

Concen: 10.591 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059599.D

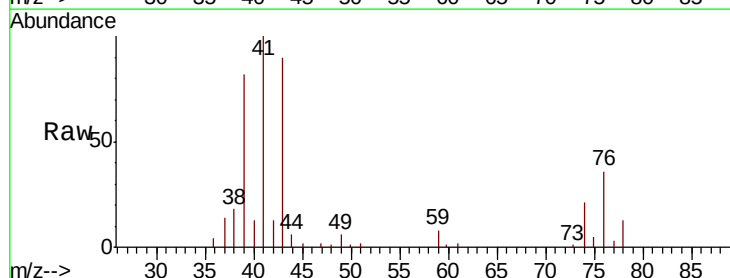
Acq: 16 Dec 2019 13:38

Tgt Ion: 43 Resp: 49774

Ion Ratio Lower Upper

43 100

74 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059599.D (-691) (-)

Ion 74.00 (73.70 to 74.70): VN059599.D (-691) (-)

4.29

15000

10000

5000

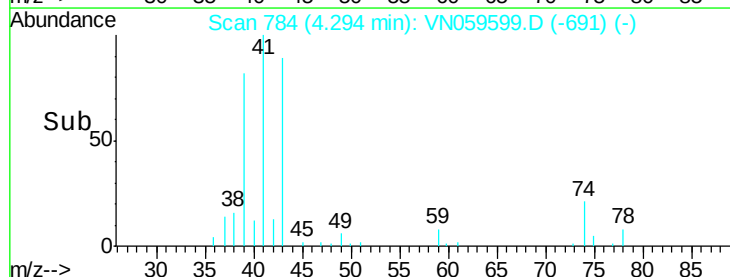
0

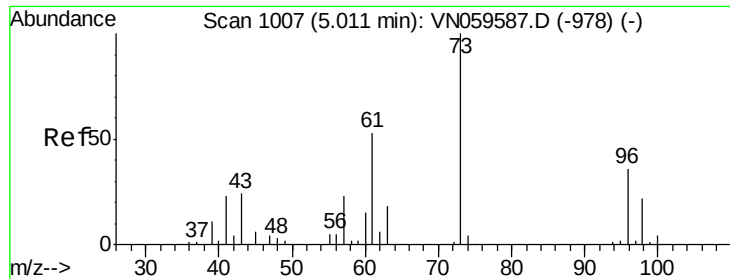
Time-->

4.20

4.30

4.40

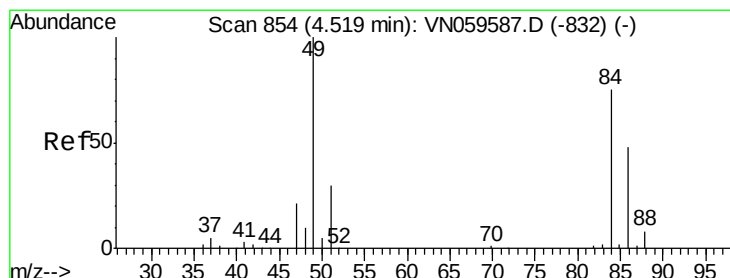
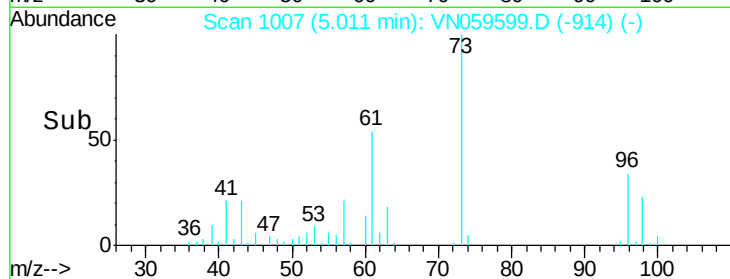
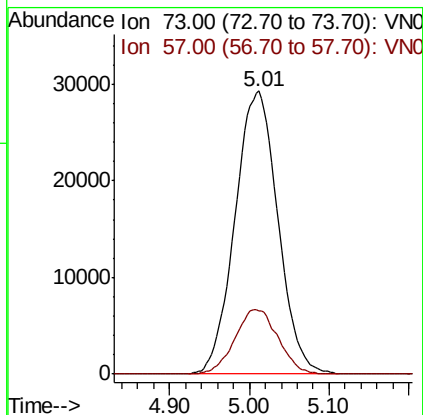
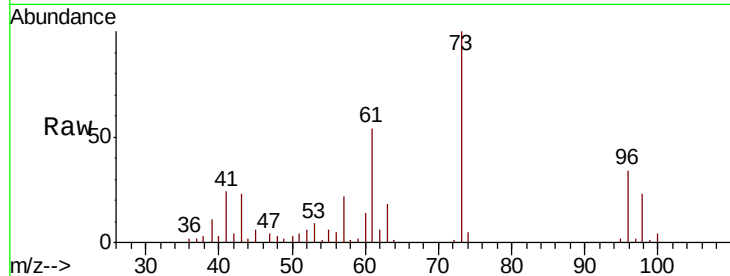




#19
Methyl tert-butyl Ether
Concen: 11.131 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

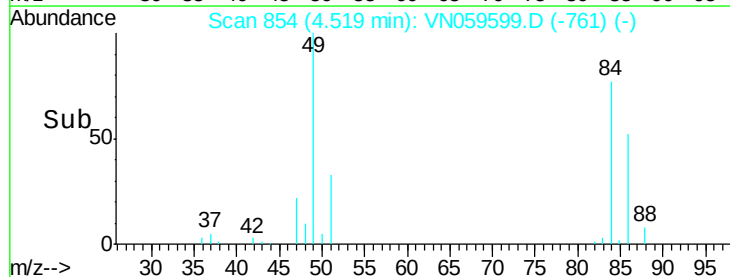
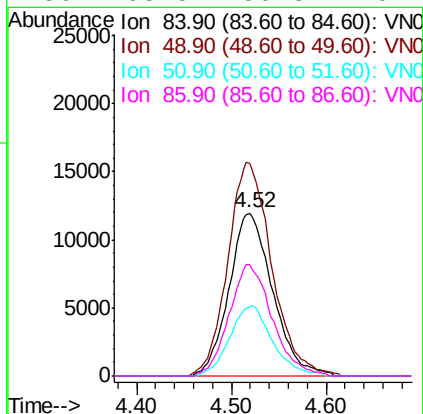
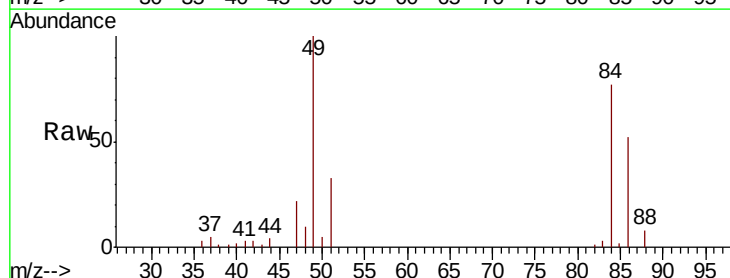
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

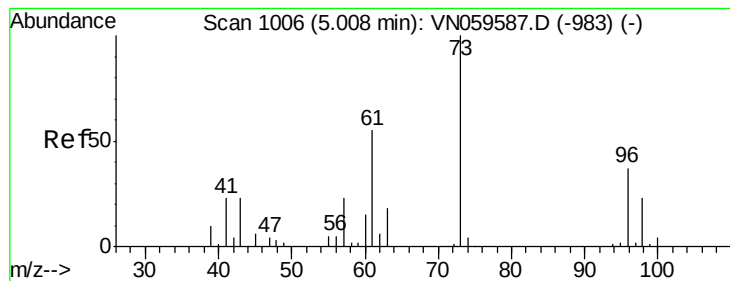
Tgt Ion: 73 Resp: 107016
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8



#20
Methylene Chloride
Concen: 11.831 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 84 Resp: 38323
Ion Ratio Lower Upper
84 100
49 130.7 106.6 160.0
51 42.5 31.9 47.9
86 68.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 11.054 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

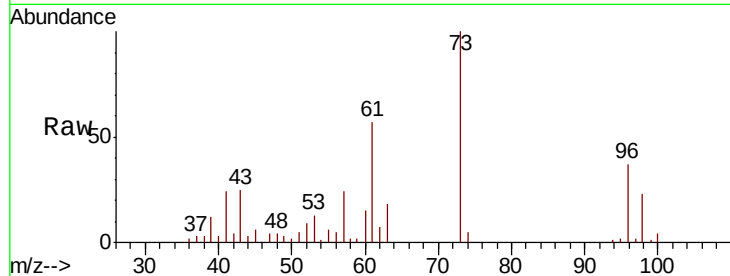
Tgt Ion: 96 Resp: 33554

Ion Ratio Lower Upper

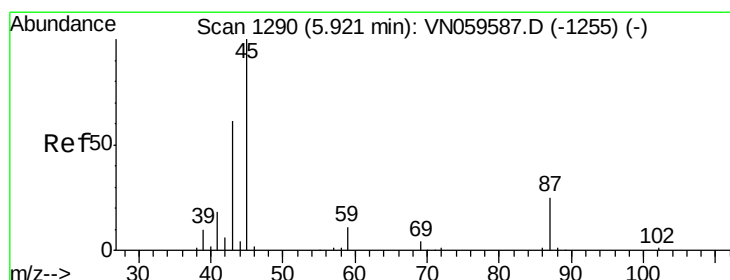
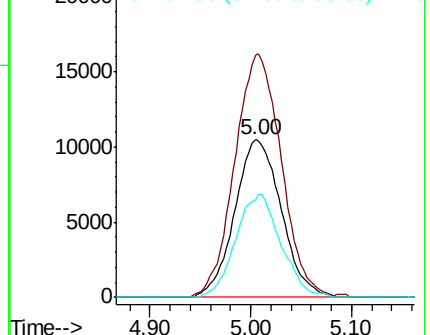
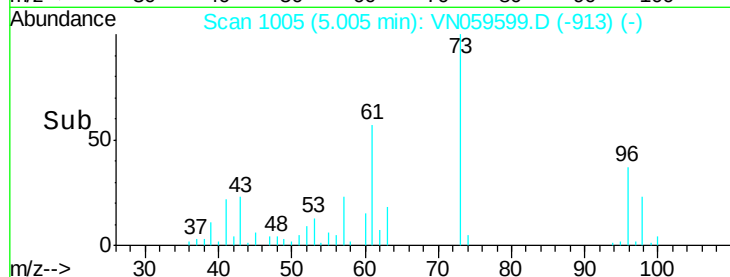
96 100

61 153.8 120.4 180.6

98 62.1 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059599.D (-913) (-)



#22

Diisopropyl ether

Concen: 11.178 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Tgt Ion: 45 Resp: 115196

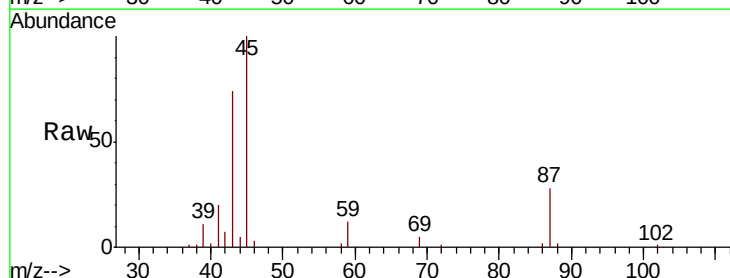
Ion Ratio Lower Upper

45 100

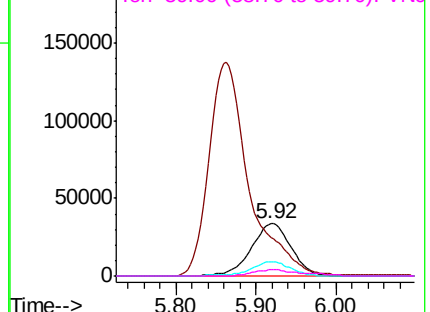
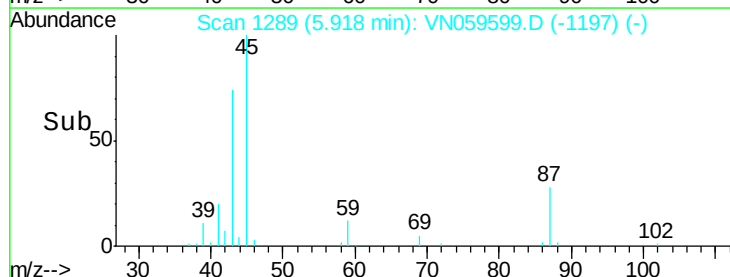
43 71.2 50.8 76.2

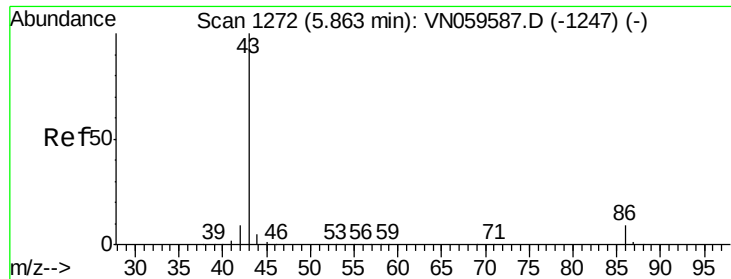
87 27.7 21.0 31.6

59 11.8 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN059599.D (-1197) (-)





#23

Vinyl Acetate

Concen: 59.206 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

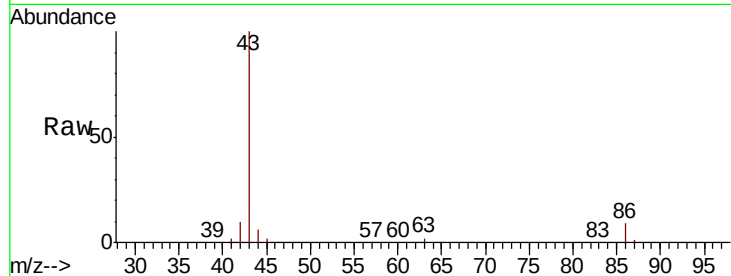
VN1216WBS01

Tgt Ion: 43 Resp: 478817

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

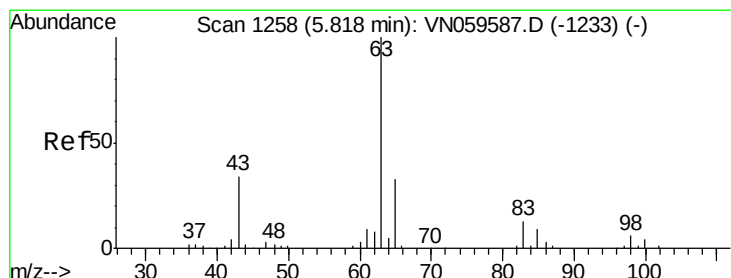
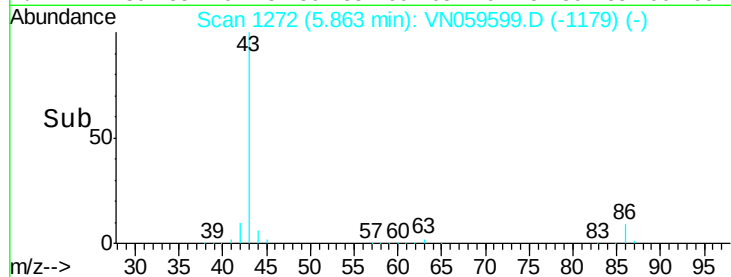
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 11.725 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

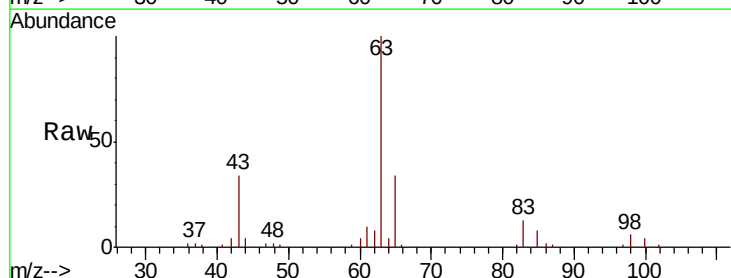
Tgt Ion: 63 Resp: 68443

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.7

100 3.6 2.0 6.0



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

5.82

25000

20000

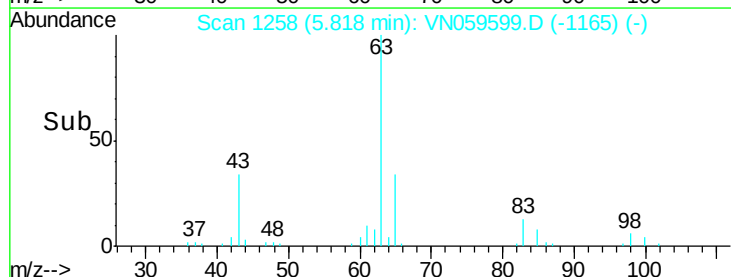
15000

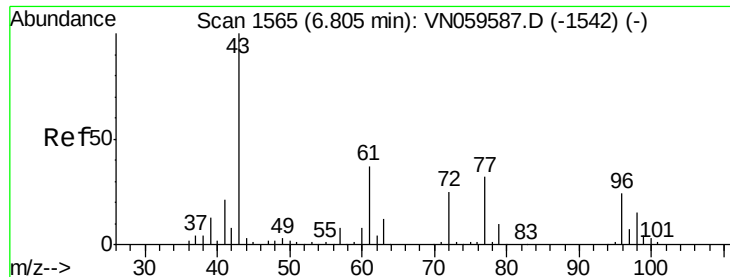
10000

5000

0

Time-->

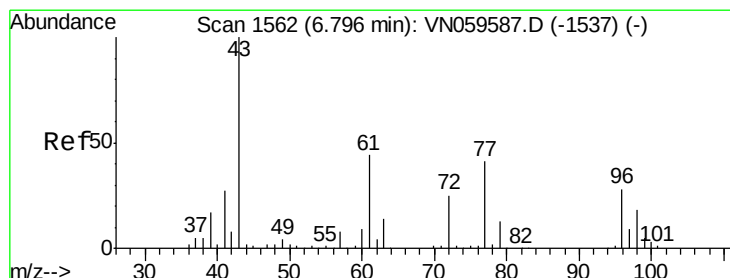
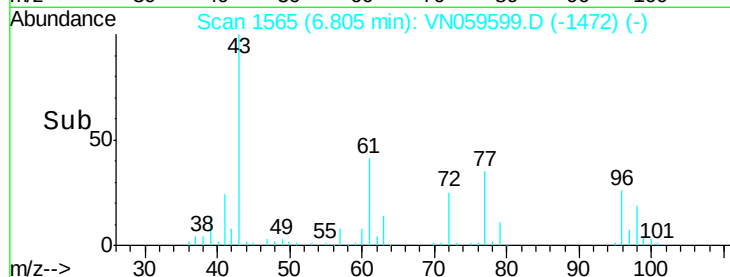
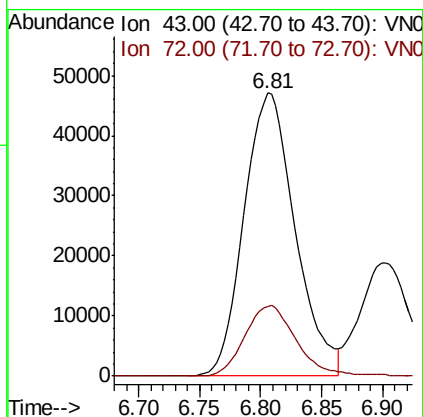
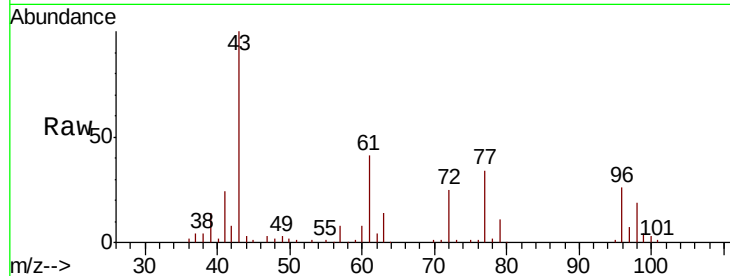




#25
2-Butanone
Concen: 51.087 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

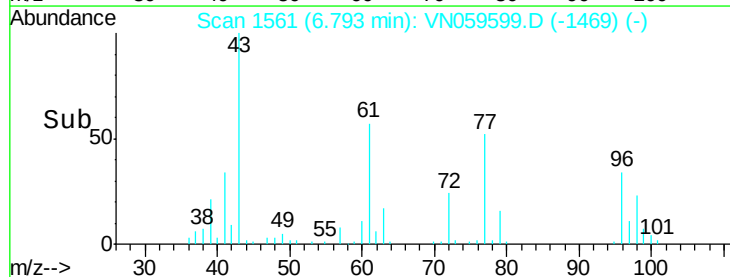
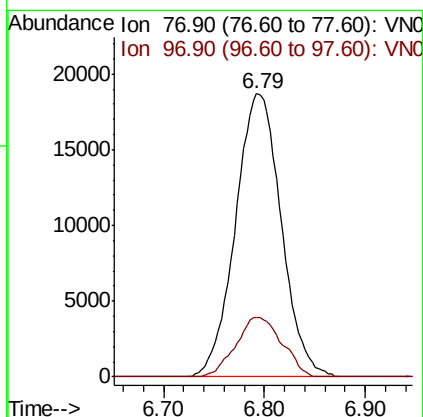
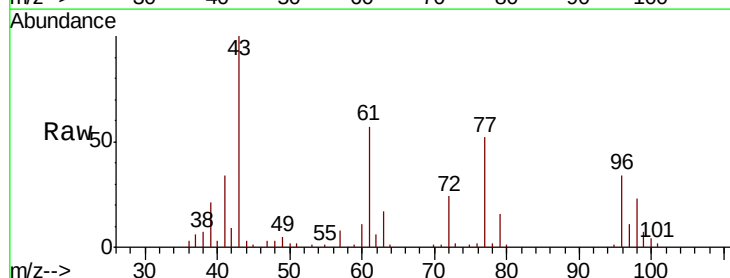
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

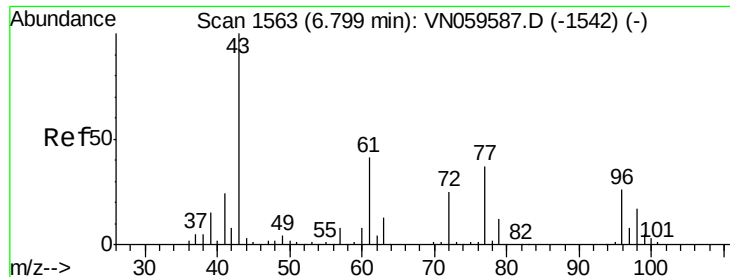
Tgt Ion: 43 Resp: 137015
Ion Ratio Lower Upper
43 100
72 24.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 11.092 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 77 Resp: 58850
Ion Ratio Lower Upper
77 100
97 21.3 10.7 31.9

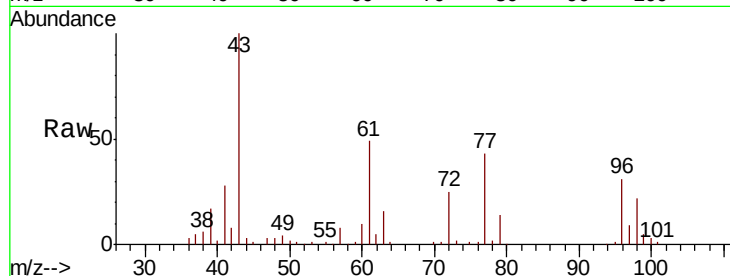




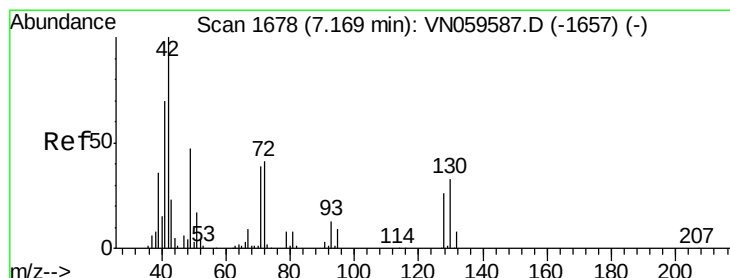
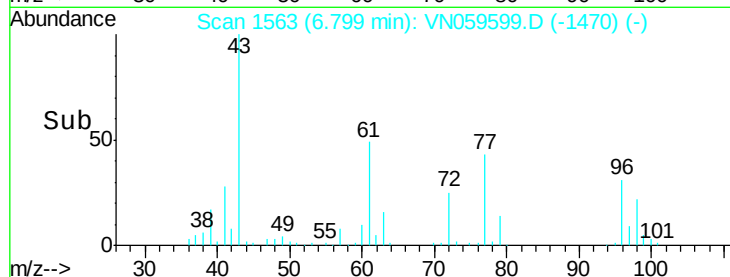
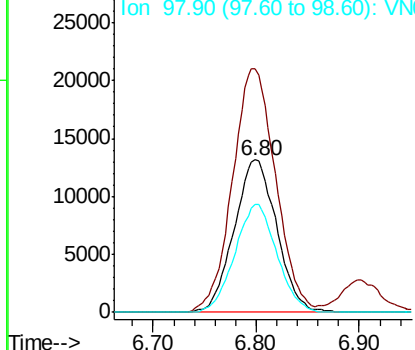
#27
 cis-1,2-Dichloroethene
 Concen: 11.243 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN1216WBS01

Tgt Ion: 96 Resp: 37818
 Ion Ratio Lower Upper
 96 100
 61 161.9 0.0 317.6
 98 69.7 0.0 127.0

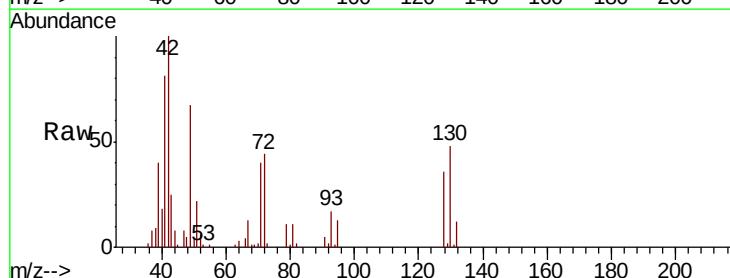


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

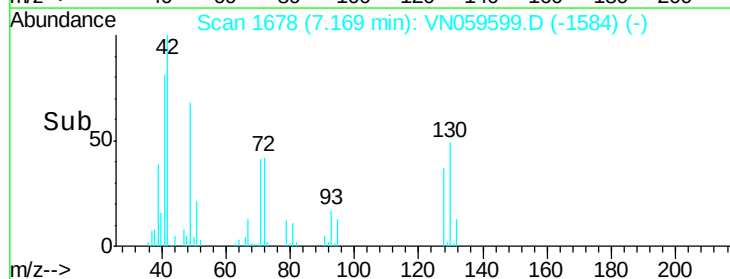
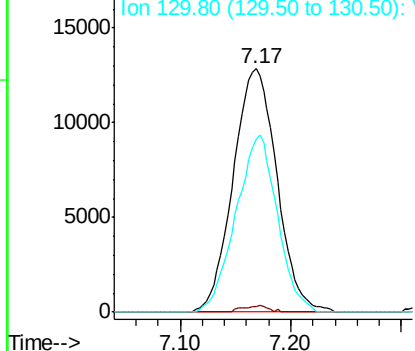


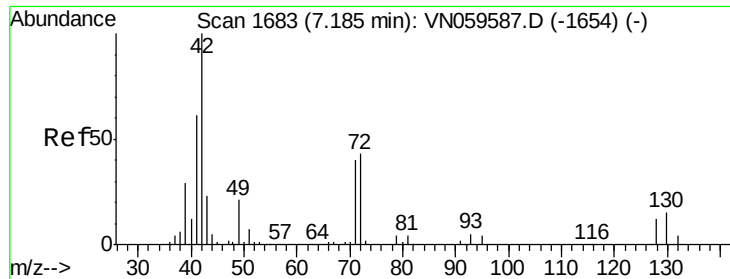
#28
 Bromochloromethane
 Concen: 14.756 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion: 49 Resp: 35377
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 68.8 54.7 82.1



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

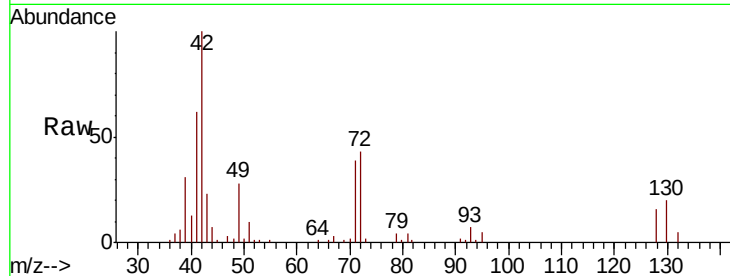




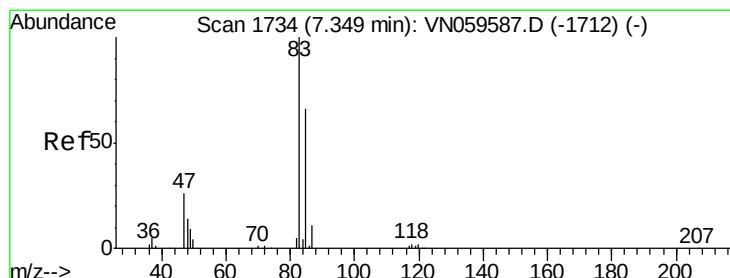
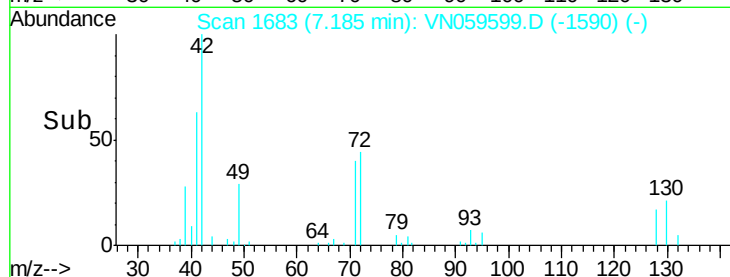
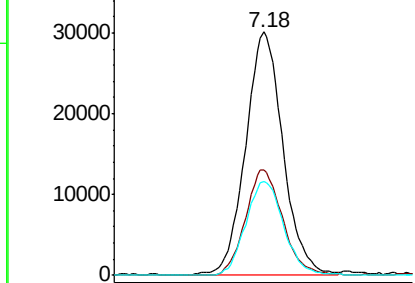
#29
Tetrahydrofuran
Concen: 51.827 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 42 Resp: 84691
Ion Ratio Lower Upper
42 100
72 43.0 33.1 49.7
71 39.1 31.4 47.0

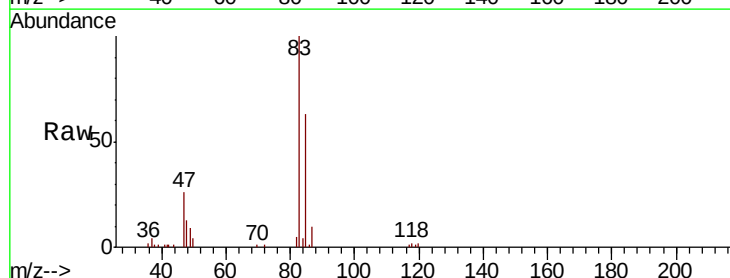


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

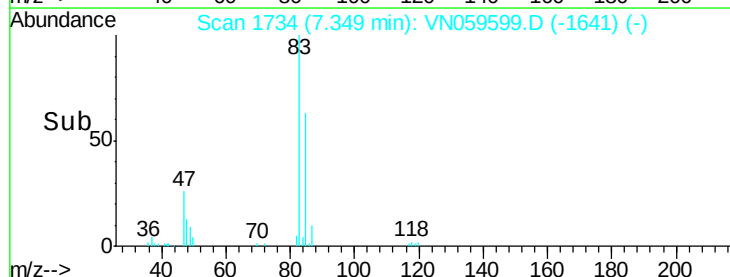
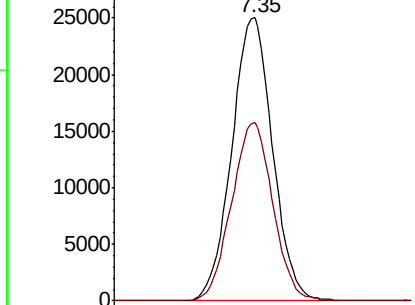


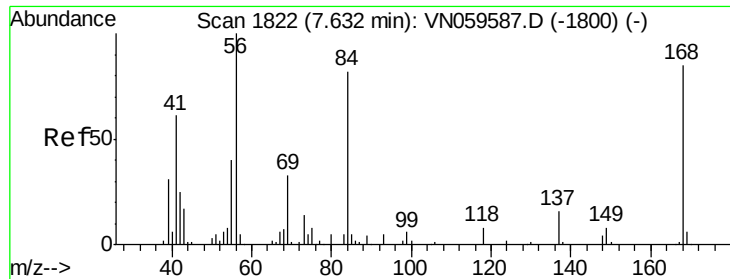
#30
Chloroform
Concen: 11.464 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 83 Resp: 65874
Ion Ratio Lower Upper
83 100
85 63.1 52.4 78.6



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

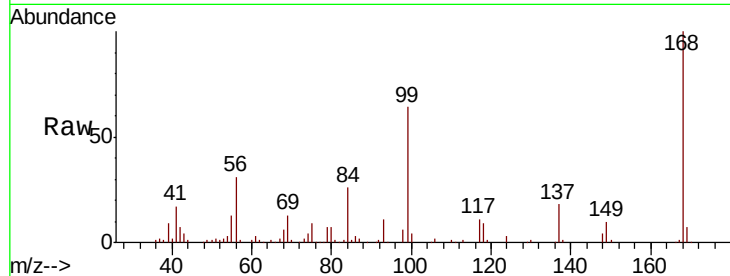




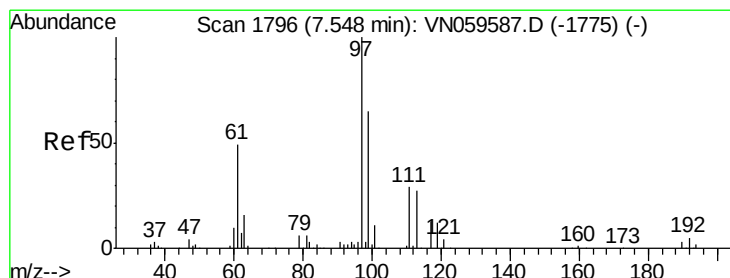
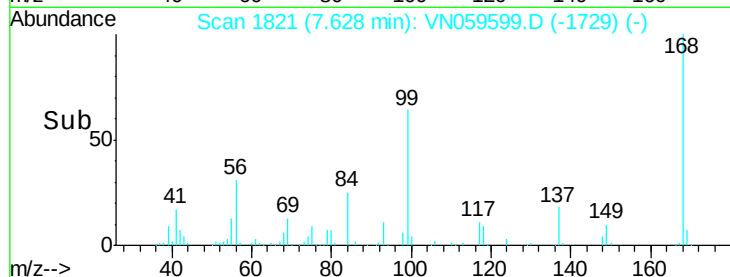
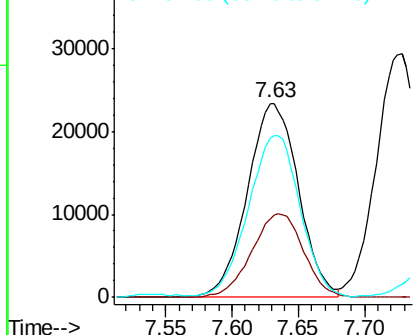
#31
Cyclohexane
Concen: 11.360 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 56 Resp: 62662
Ion Ratio Lower Upper
56 100
69 40.7 26.5 39.7#
84 81.0 65.3 97.9

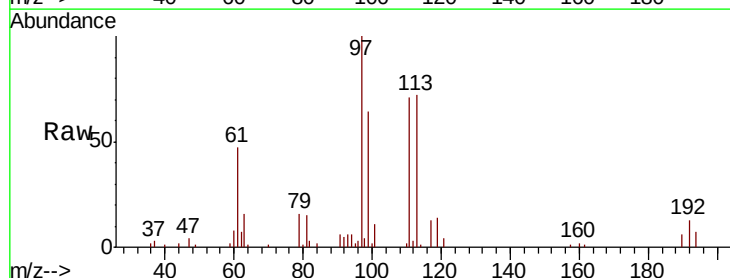


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

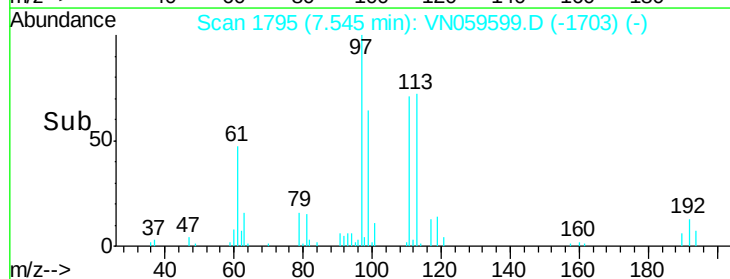
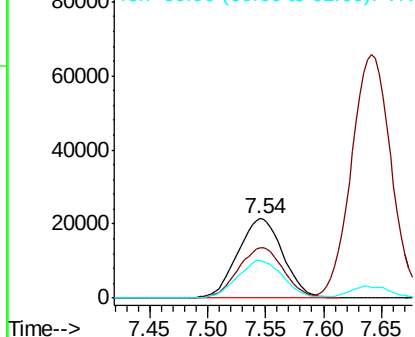


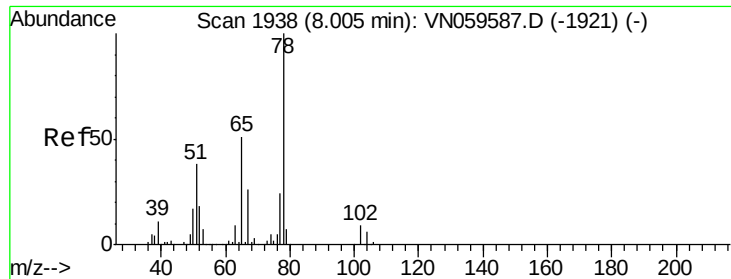
#32
1,1,1-Trichloroethane
Concen: 11.225 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 97 Resp: 58152
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 47.8 38.5 57.7



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

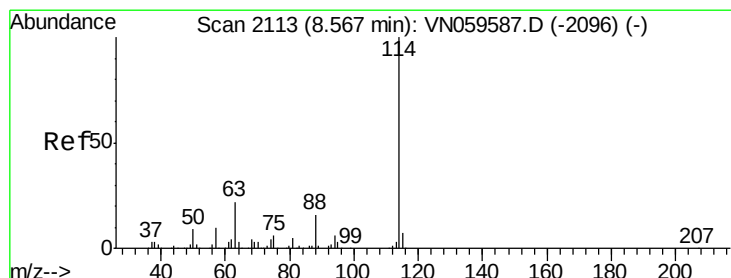
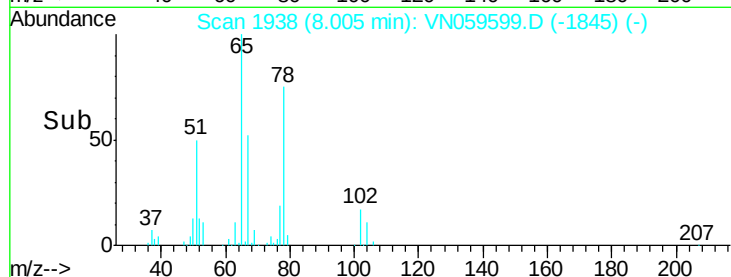
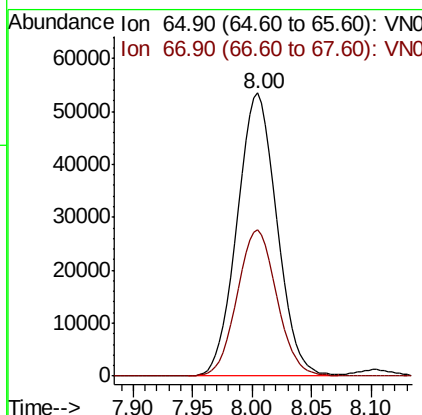
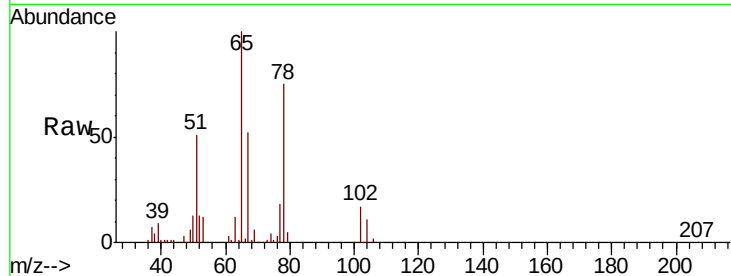




#33
 1,2-Dichloroethane-d4
 Concen: 32.800 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

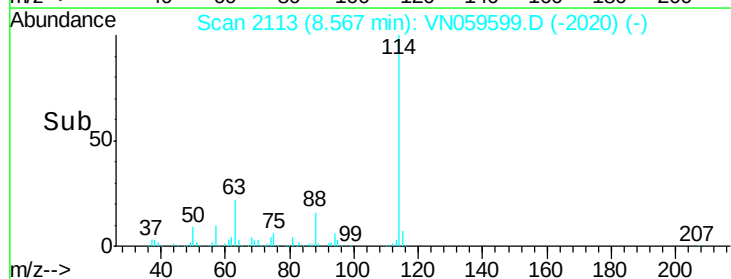
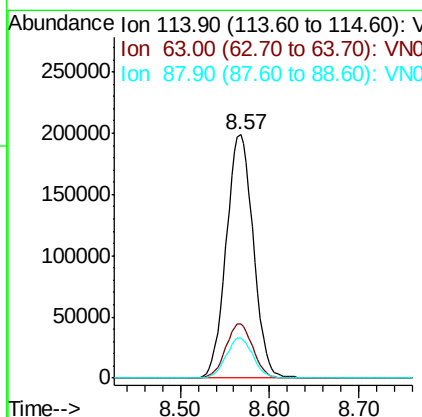
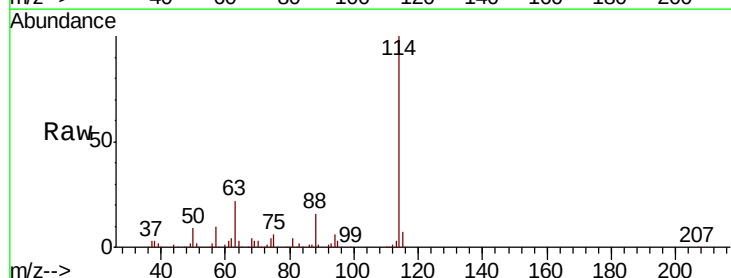
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

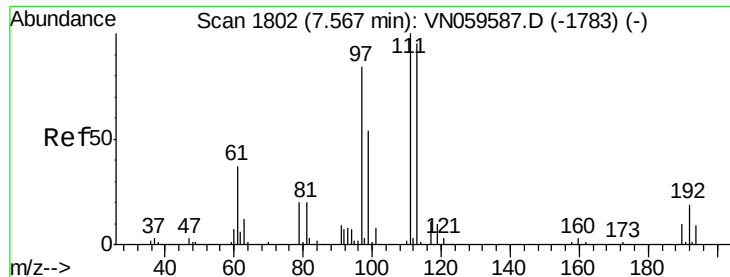
Tgt Ion: 65 Resp: 123907
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion: 114 Resp: 417757
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.6
 88 16.3 0.0 31.4

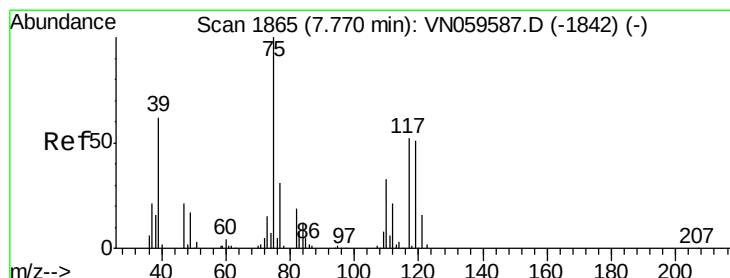
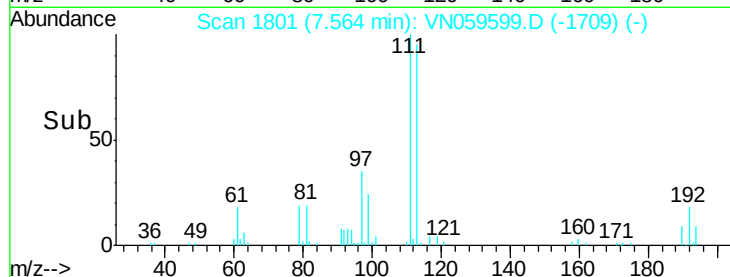
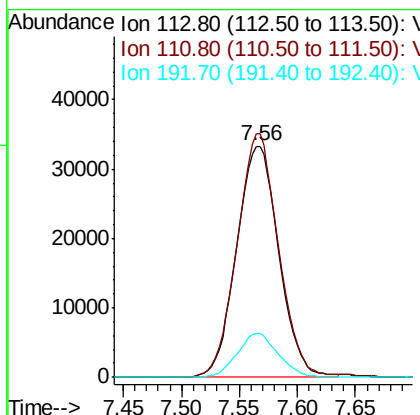
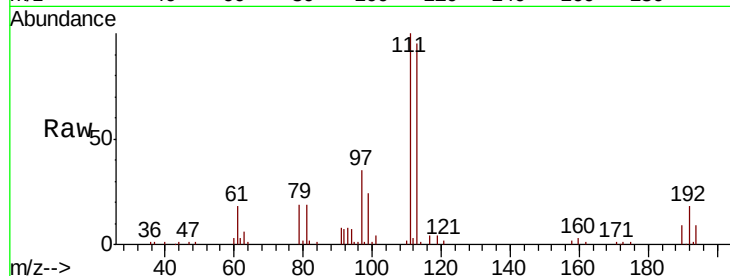




#35
 Dibromofluoromethane
 Concen: 32.365 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

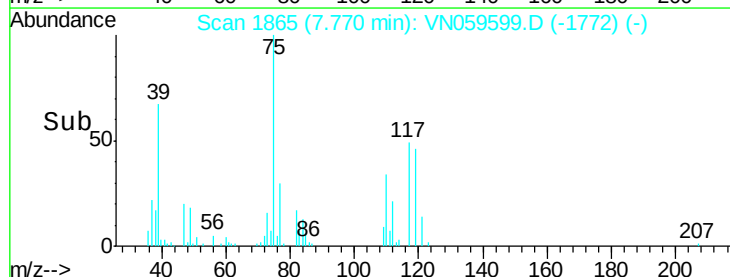
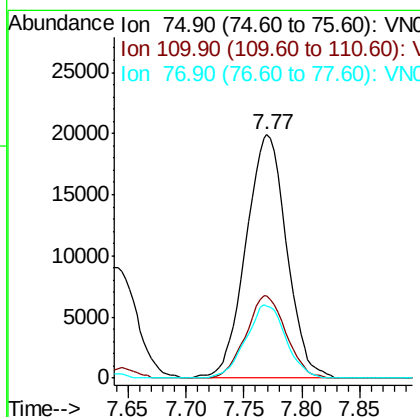
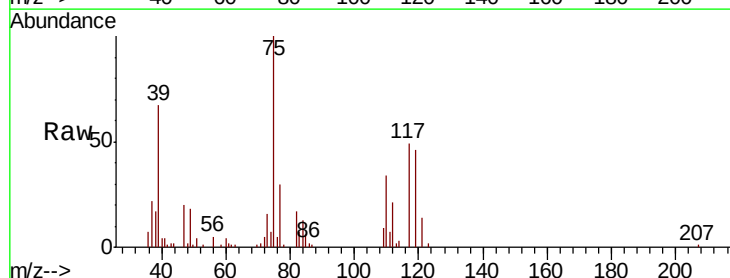
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

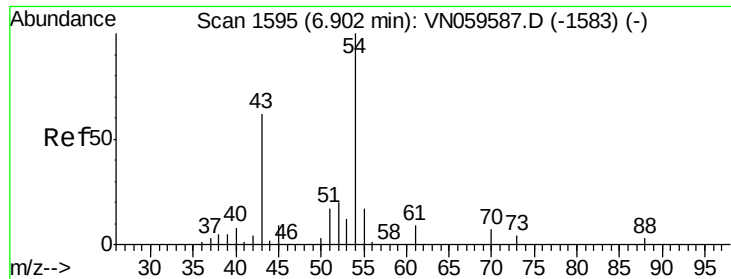
Tgt Ion: 113 Resp: 84597
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.5 125.3
 192 18.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 11.179 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion: 75 Resp: 48702
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.6 49.7
 77 29.5 25.1 37.7

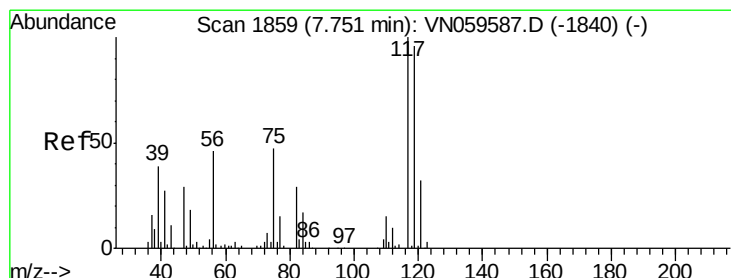
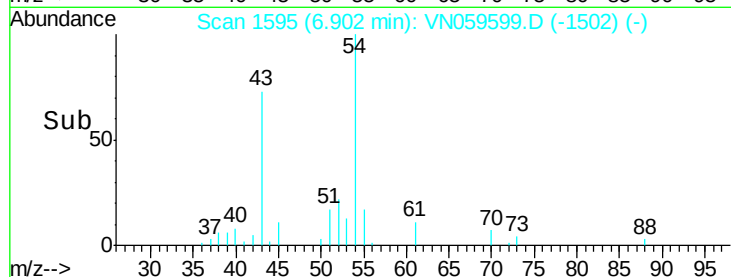
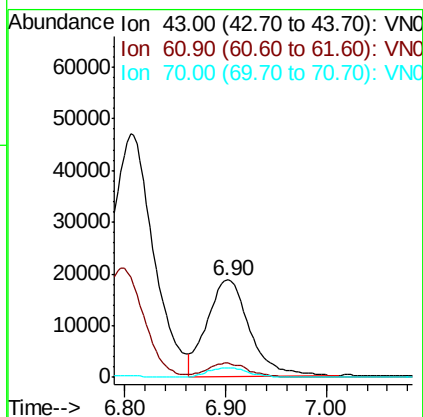
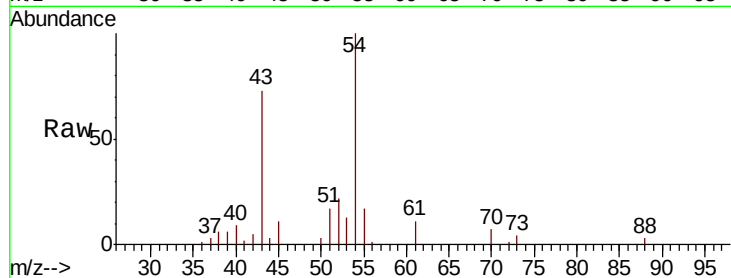




#37
Ethyl Acetate
 Concen: 10.770 ug/l
 RT: 6.90 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

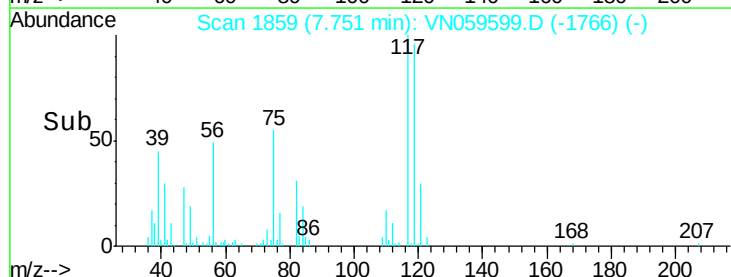
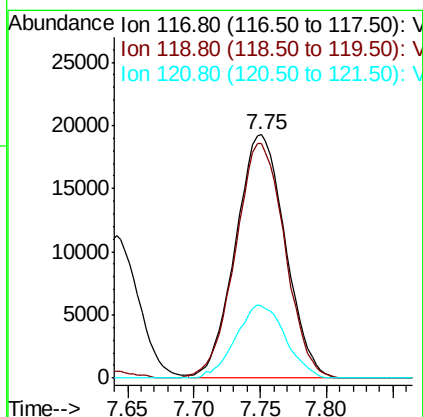
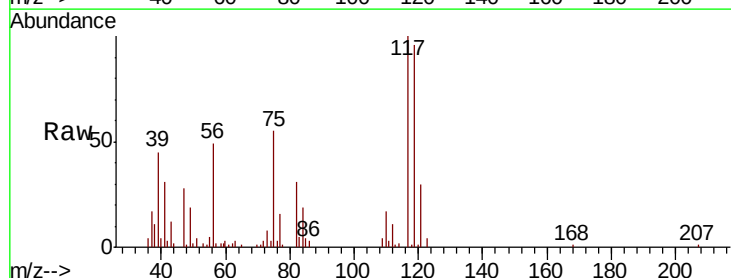
Instrument :
 MSVOA_N
 ClientSampled :
 VN1216WBS01

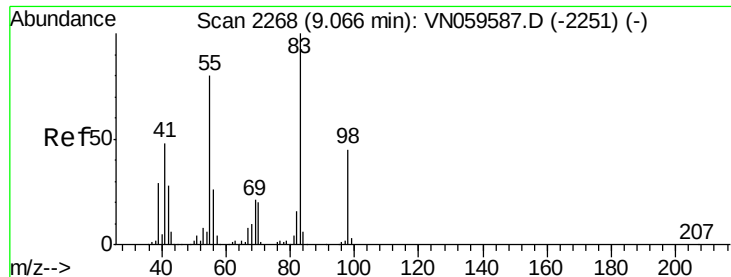
Tgt Ion: 43 Resp: 54534
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.9 16.3
 70 9.4 7.7 11.5



#38
Carbon Tetrachloride
 Concen: 11.117 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion: 117 Resp: 50255
 Ion Ratio Lower Upper
 117 100
 119 96.4 76.5 114.7
 121 29.8 25.1 37.7

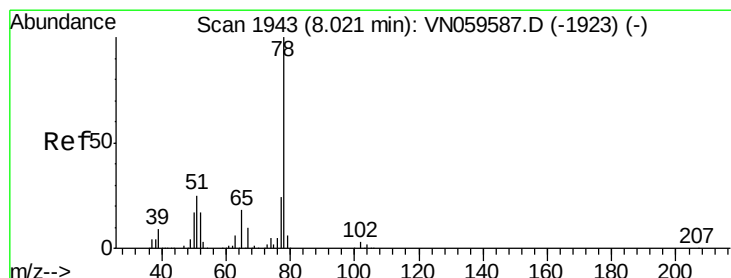
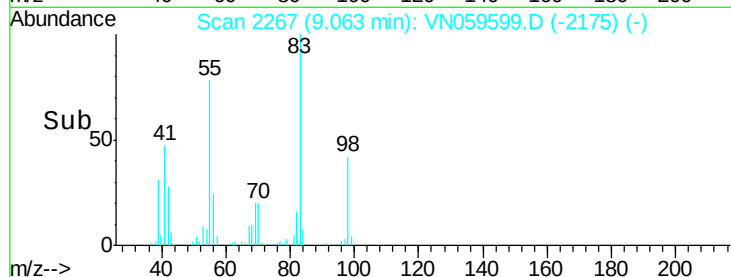
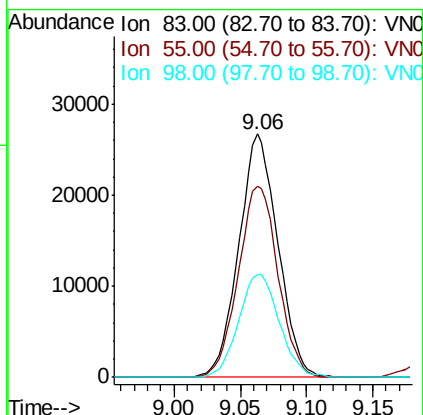
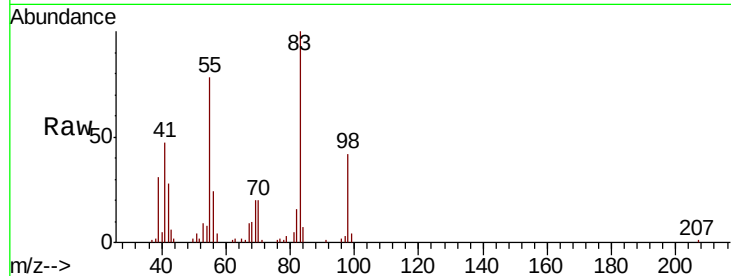




#39
Methylcyclohexane
Concen: 11.070 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

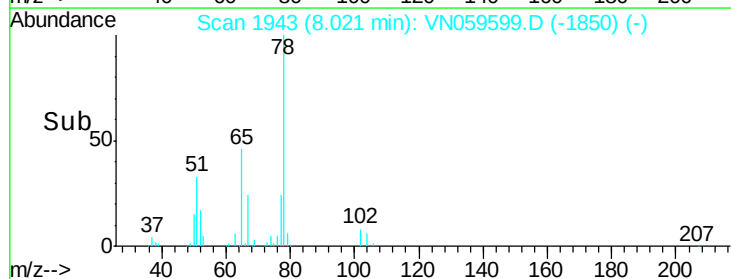
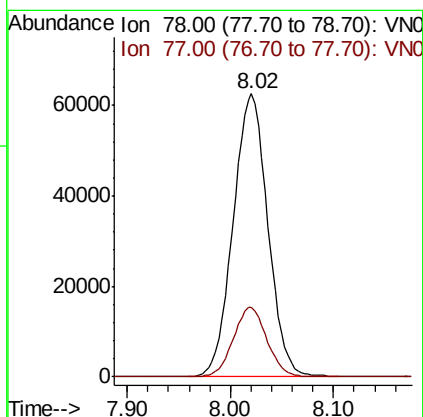
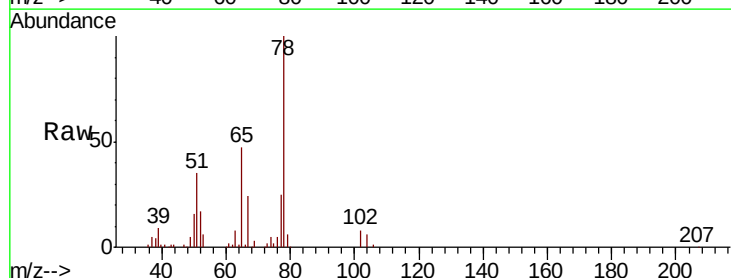
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

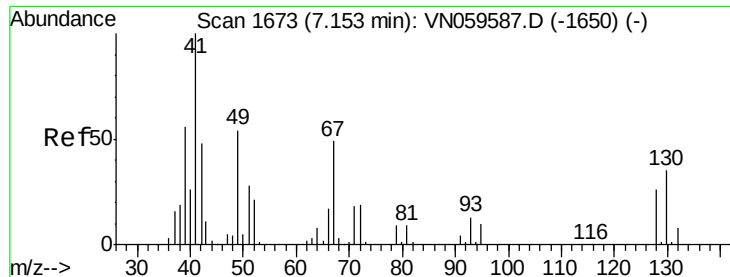
Tgt Ion: 83 Resp: 54705
Ion Ratio Lower Upper
83 100
55 78.4 64.2 96.2
98 42.2 35.9 53.9



#40
Benzene
Concen: 11.495 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 78 Resp: 146350
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3

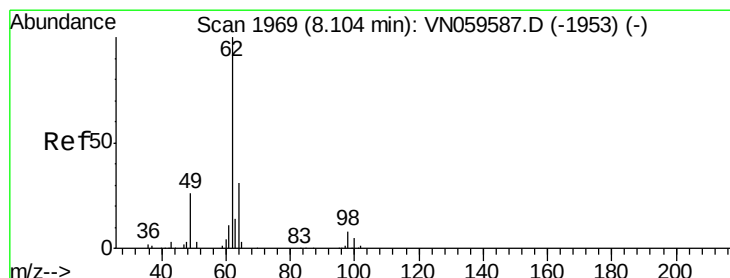
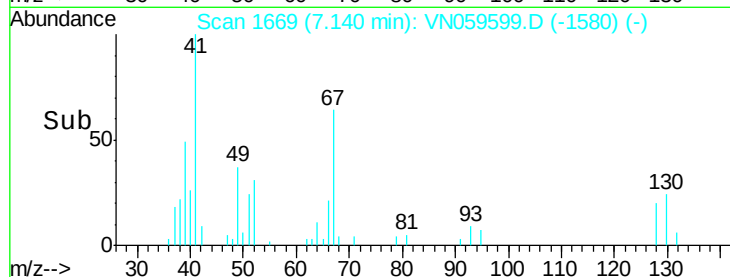
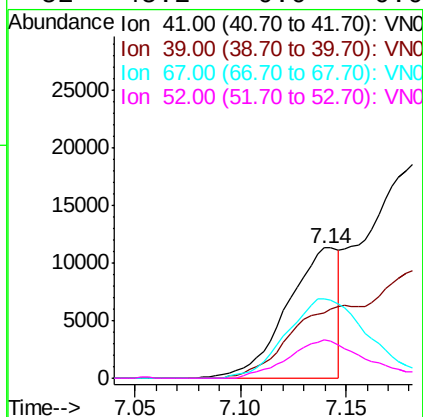
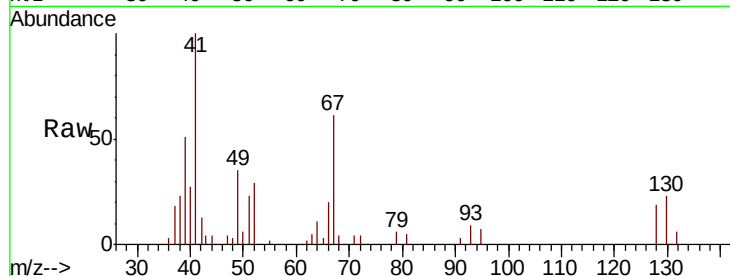




#41
Methacrylonitrile
Concen: 9.197 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

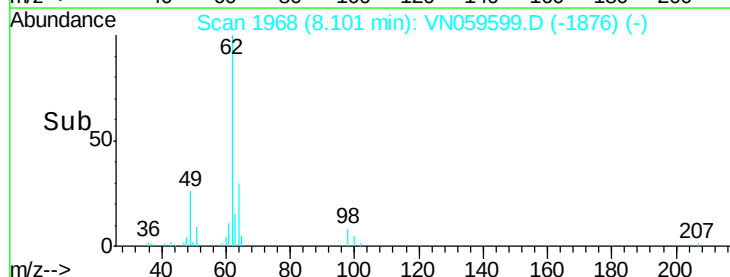
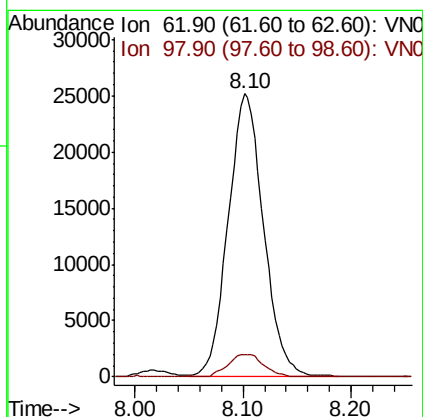
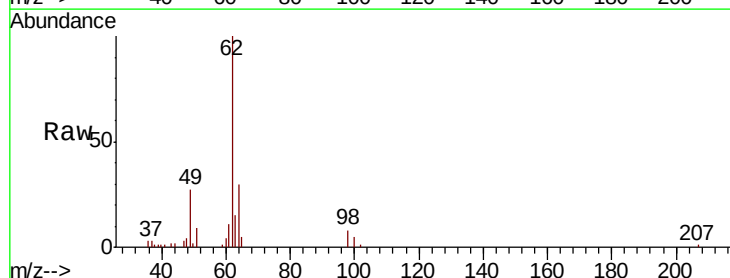
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

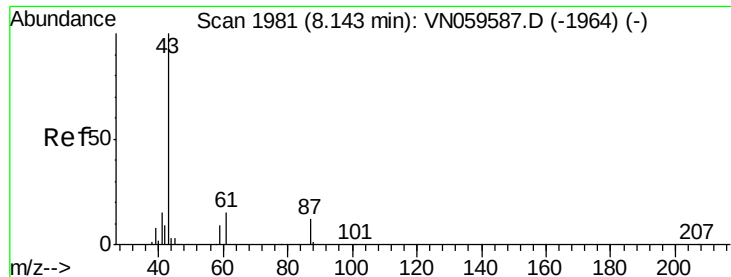
Tgt Ion:	41	Resp:	19219
Ion	Ratio	Lower	Upper
41	100		
39	72.5	0.0	0.0#
67	99.5	0.0	0.0#
52	45.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 11.807 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion:	62	Resp:	57570
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 10.506 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

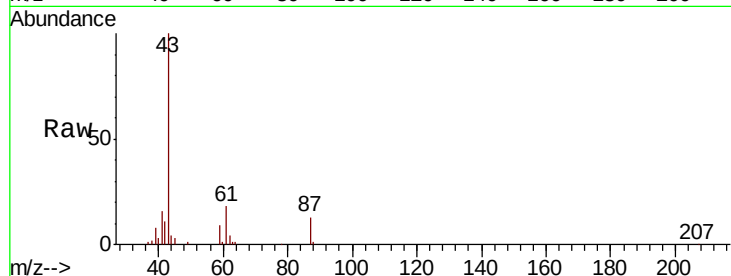
Tgt Ion: 43 Resp: 82705

Ion Ratio Lower Upper

43 100

61 19.2 20.2 30.2#

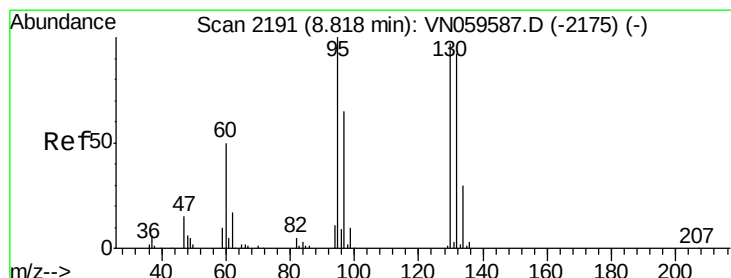
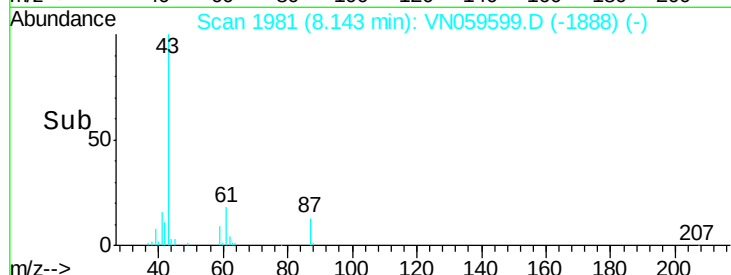
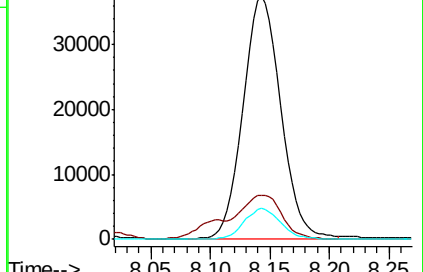
87 12.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)



#44

Trichloroethene

Concen: 11.279 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059599.D

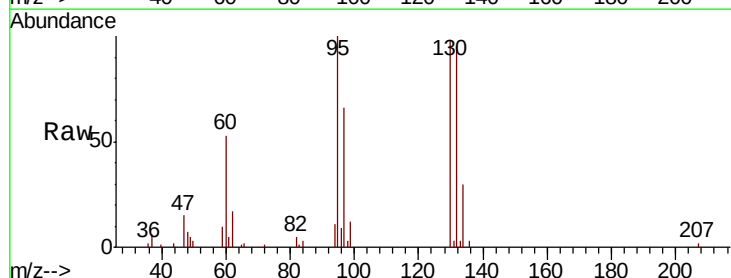
Acq: 16 Dec 2019 13:38

Tgt Ion: 130 Resp: 37612

Ion Ratio Lower Upper

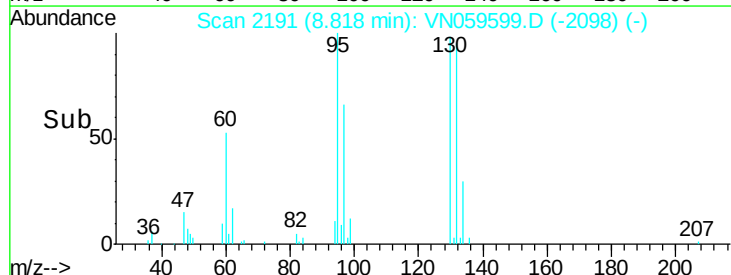
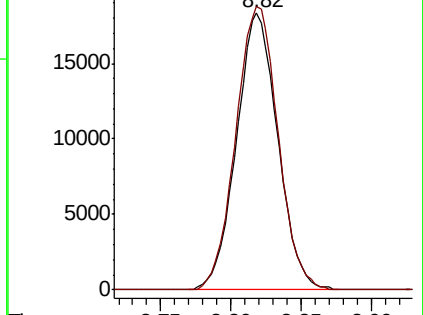
130 100

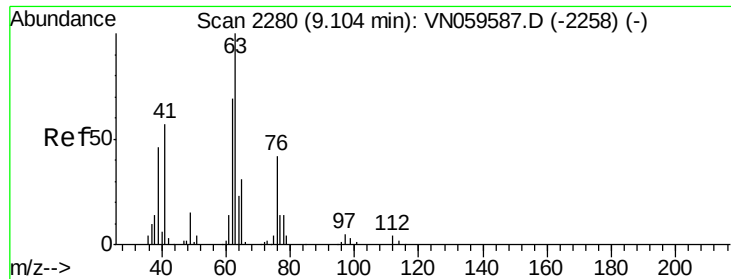
95 102.0 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059587.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059587.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 11.221 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

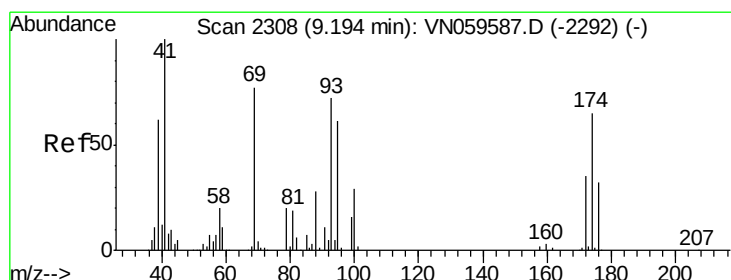
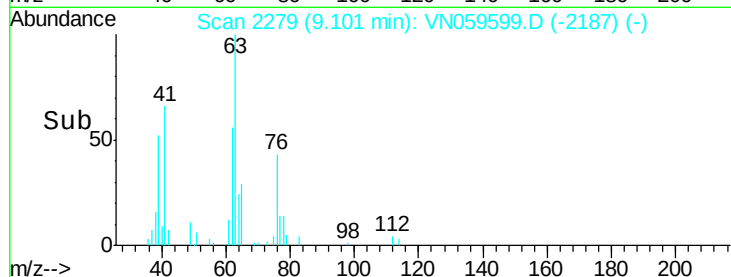
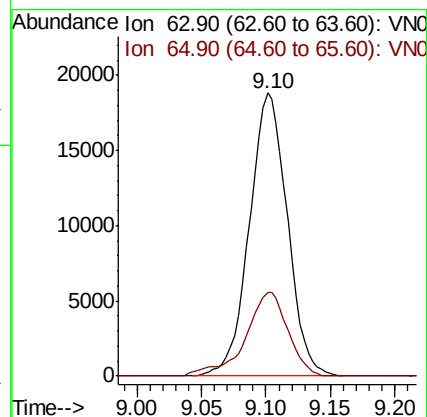
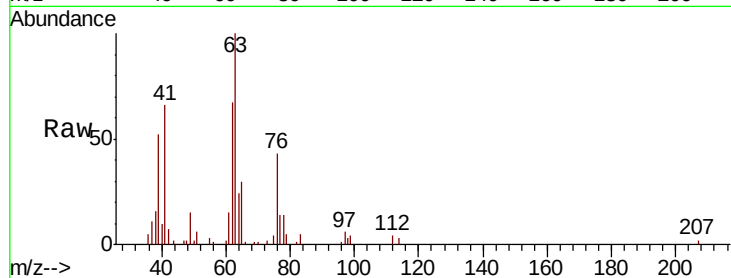
VN1216WBS01

Tgt Ion: 63 Resp: 38577

Ion Ratio Lower Upper

63 100

65 29.7 24.9 37.3



#46

Dibromomethane

Concen: 11.157 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

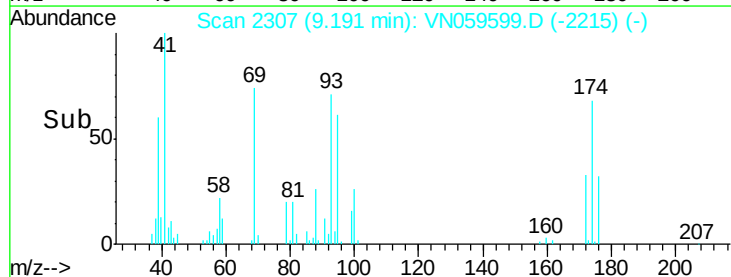
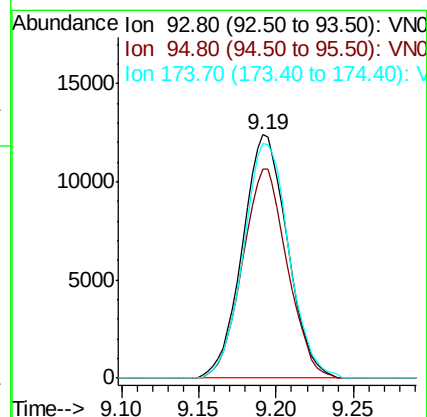
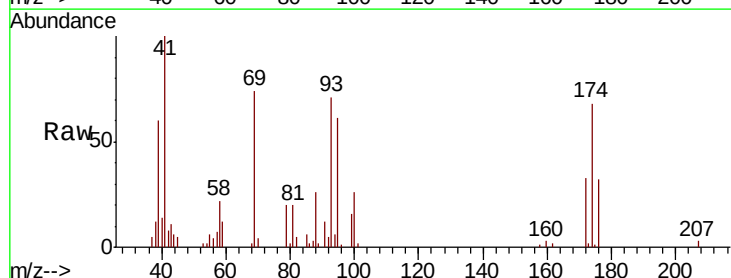
Tgt Ion: 93 Resp: 25130

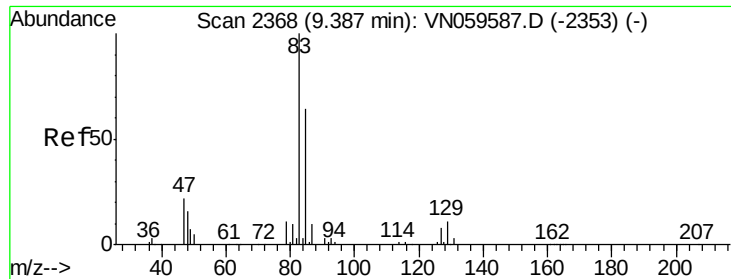
Ion Ratio Lower Upper

93 100

95 85.4 67.0 100.6

174 97.5 73.4 110.2





#47

Bromodichloromethane

Concen: 11.534 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

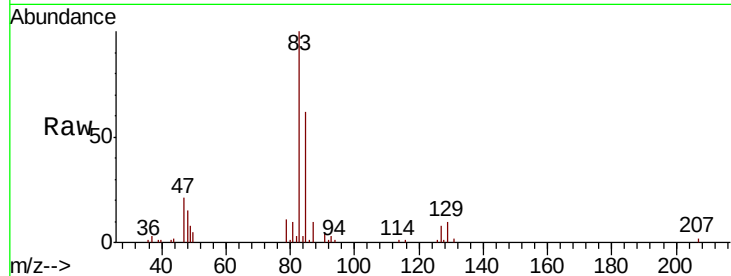
Tgt Ion: 83 Resp: 51795

Ion Ratio Lower Upper

83 100

85 62.2 51.1 76.7

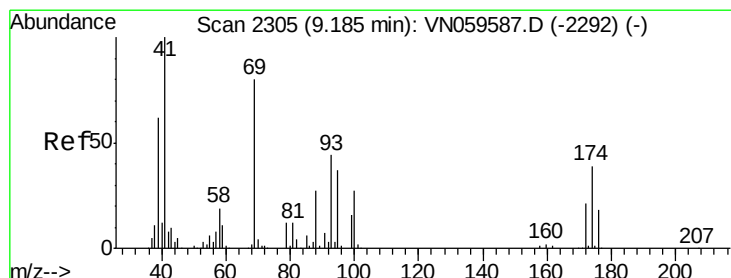
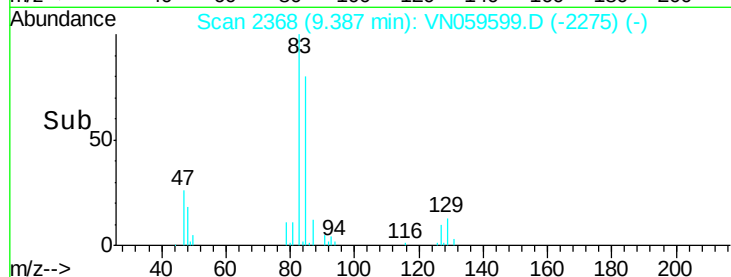
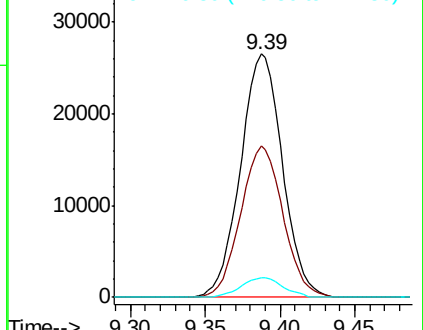
127 7.9 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059599.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059599.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059599.D (-2275) (-)



#48

Methyl methacrylate

Concen: 10.468 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

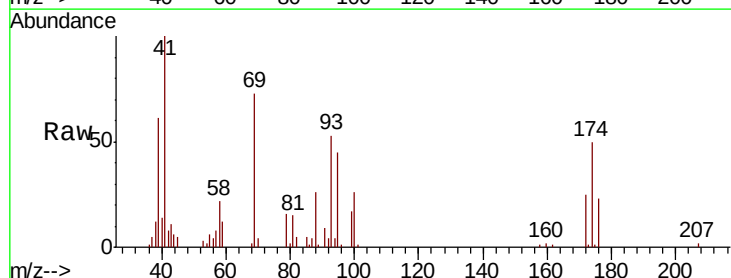
Tgt Ion: 41 Resp: 37387

Ion Ratio Lower Upper

41 100

69 77.3 64.4 96.6

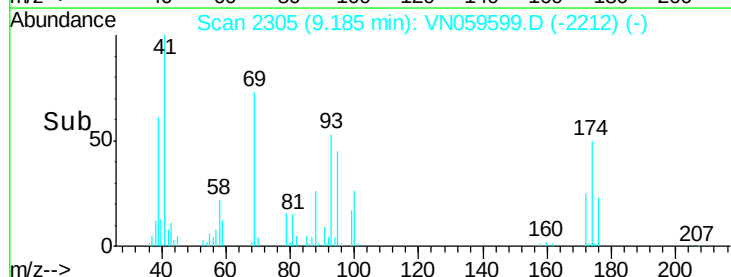
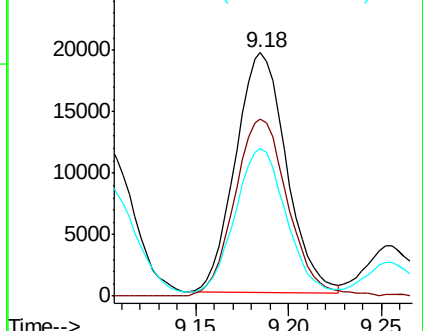
39 63.0 51.3 76.9

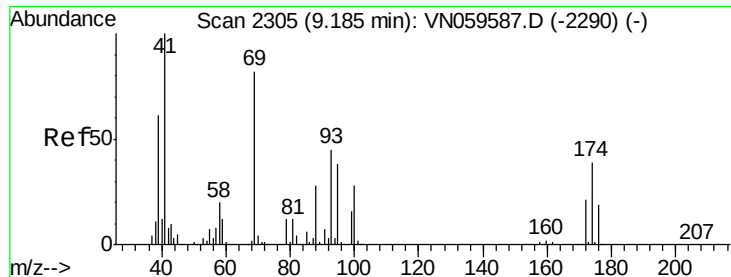


Abundance Ion 41.00 (40.70 to 41.70): VN059599.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059599.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059599.D (-2212) (-)

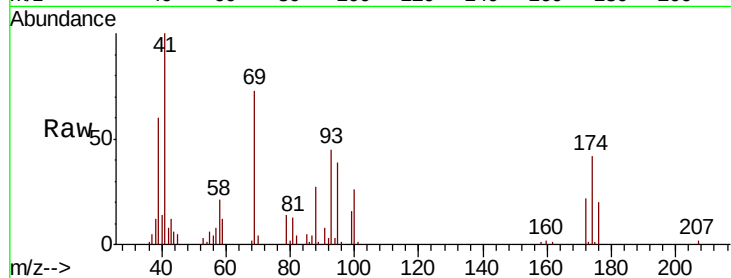




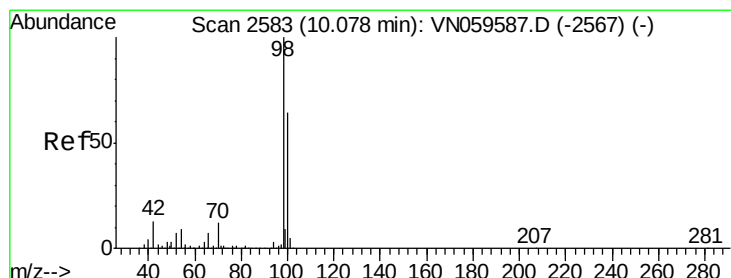
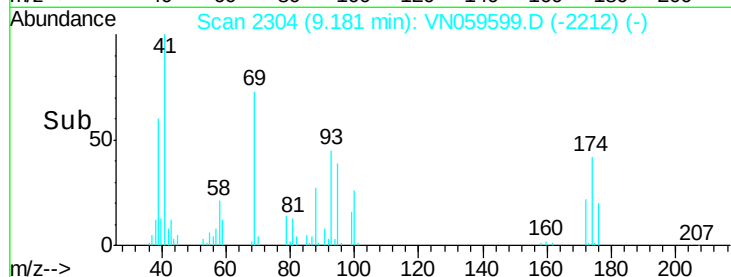
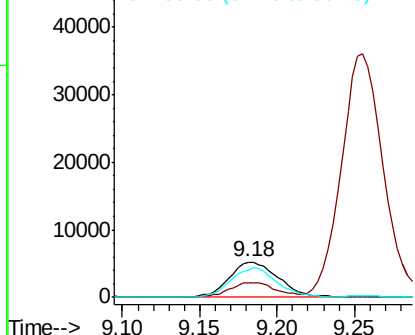
#49
1,4-Dioxane
Concen: 222.684 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 88 Resp: 11398
Ion Ratio Lower Upper
88 100
43 40.3 29.7 44.5
58 79.3 56.6 85.0

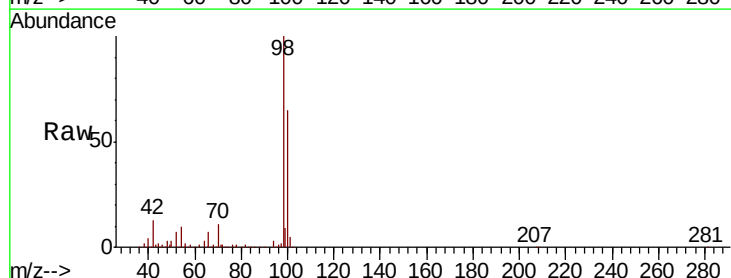


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

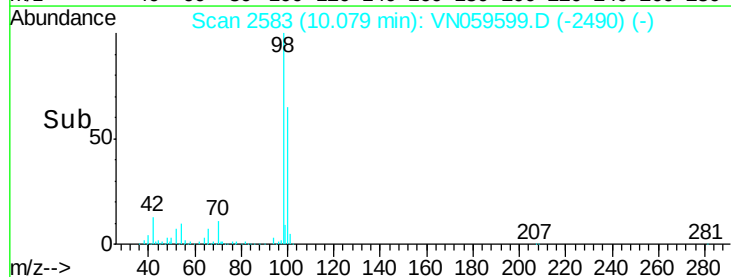
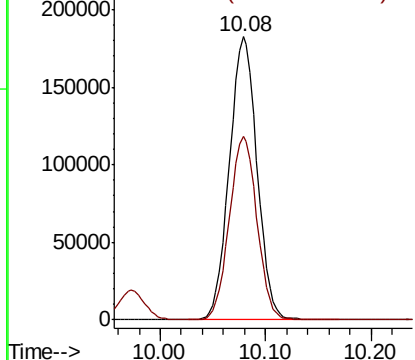


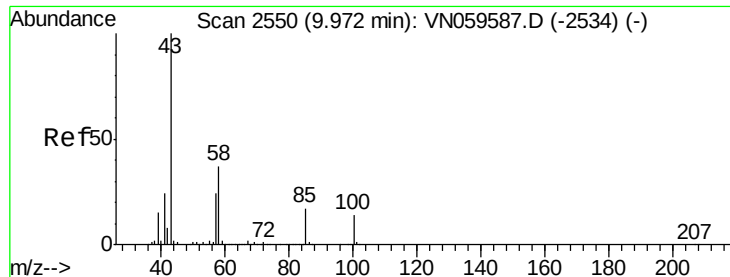
#50
Toluene-d8
Concen: 32.017 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 98 Resp: 331332
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



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

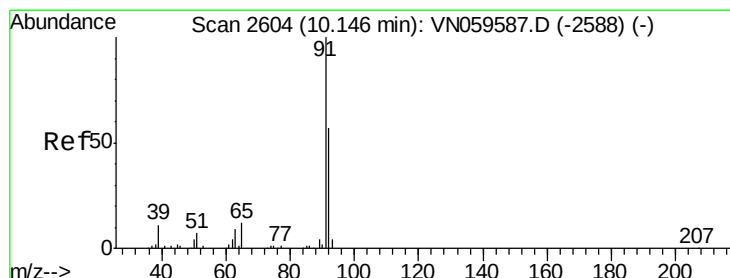
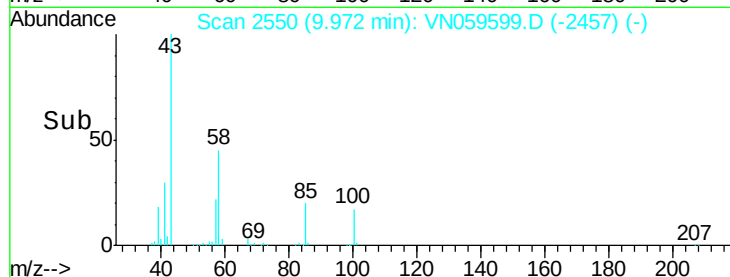
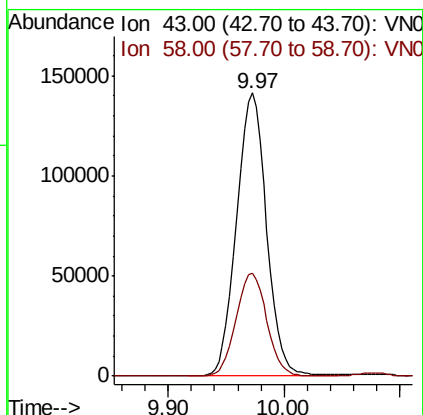
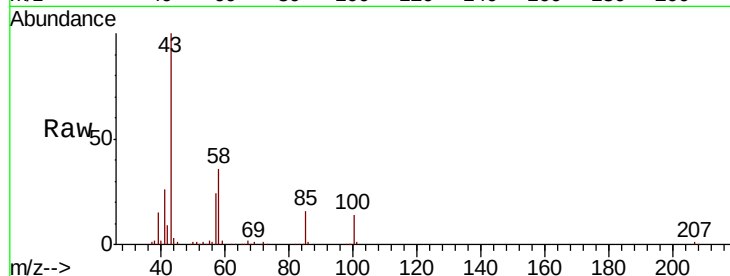




#51
 4-Methyl-2-Pentanone
 Concen: 54.087 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

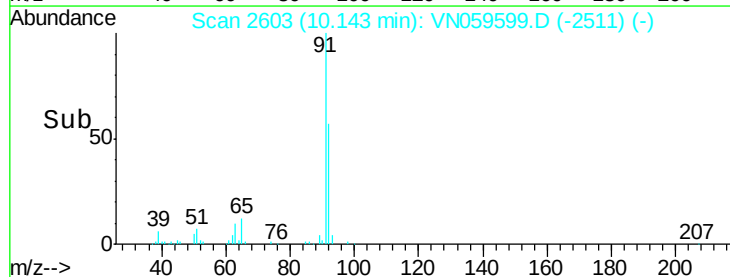
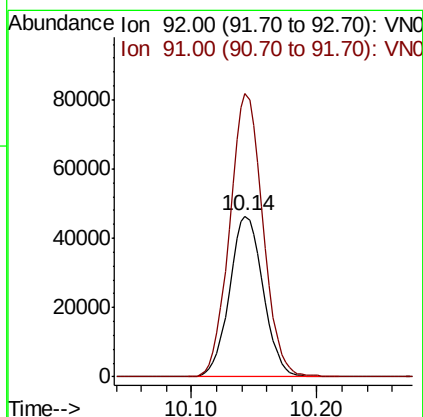
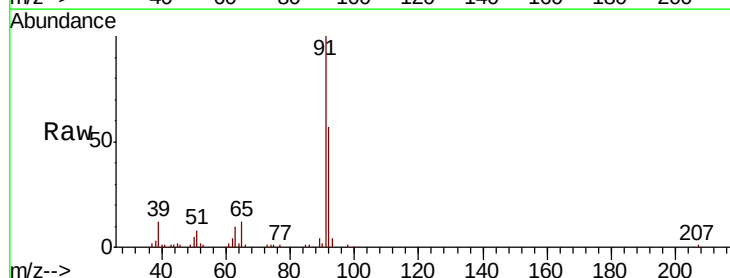
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

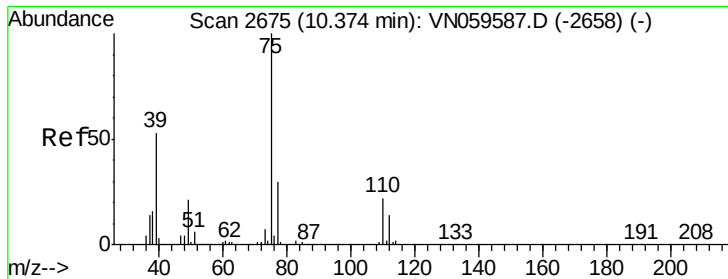
Tgt Ion: 43 Resp: 253868
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.8 44.8



#52
 Toluene
 Concen: 11.038 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion: 92 Resp: 86345
 Ion Ratio Lower Upper
 92 100
 91 173.9 140.4 210.6

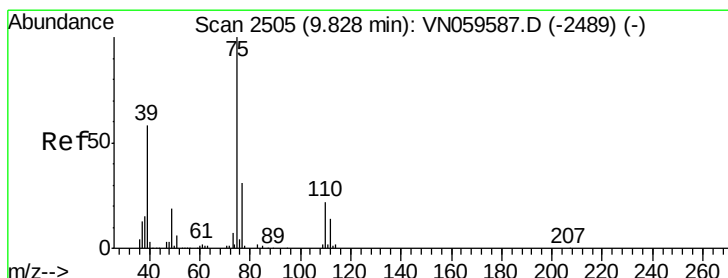
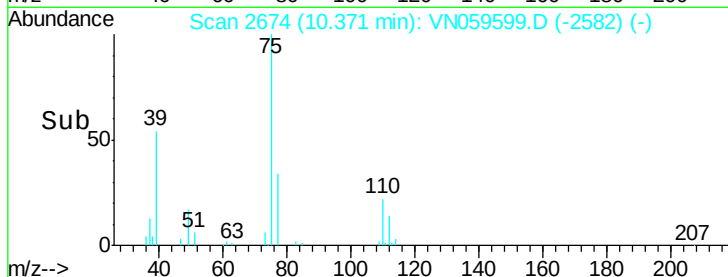
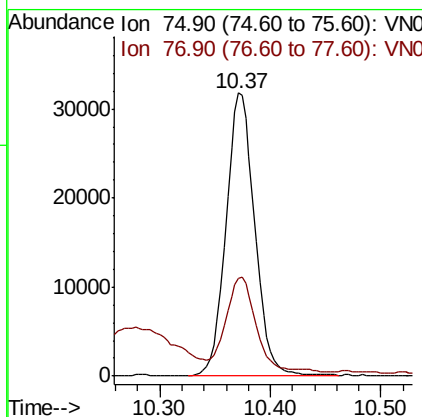
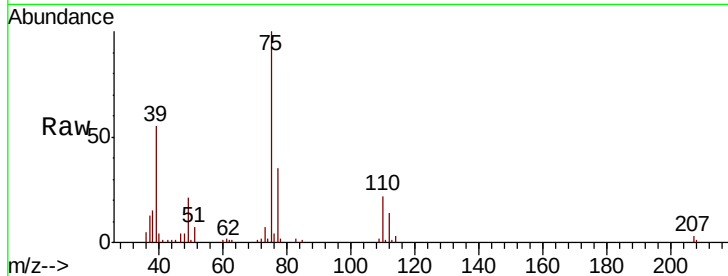




#53
t-1,3-Dichloropropene
Concen: 11.067 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

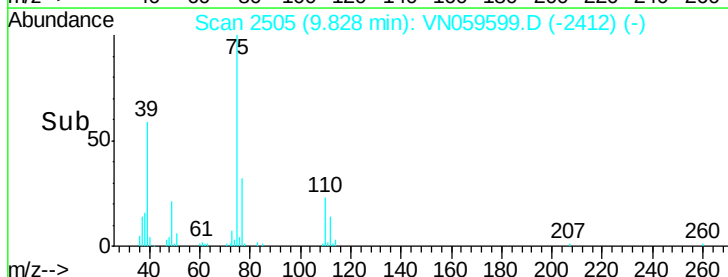
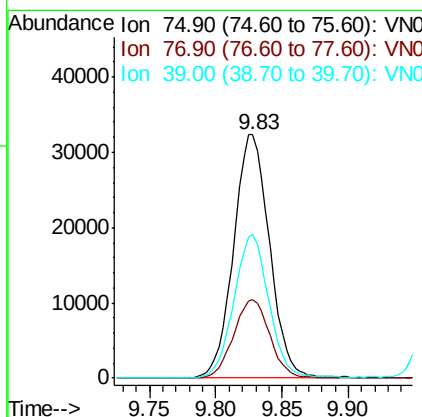
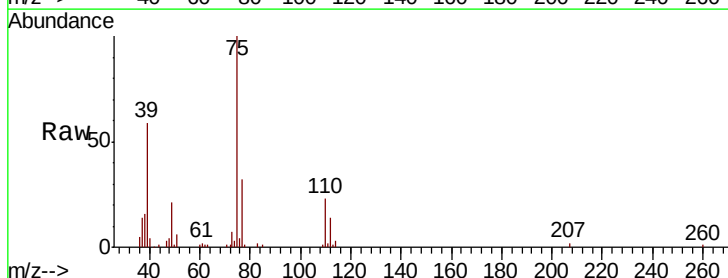
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

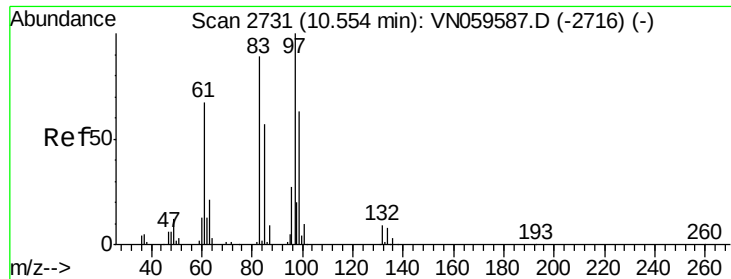
Tgt Ion: 75 Resp: 57478
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 11.155 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 75 Resp: 60899
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7
39 58.8 46.1 69.1

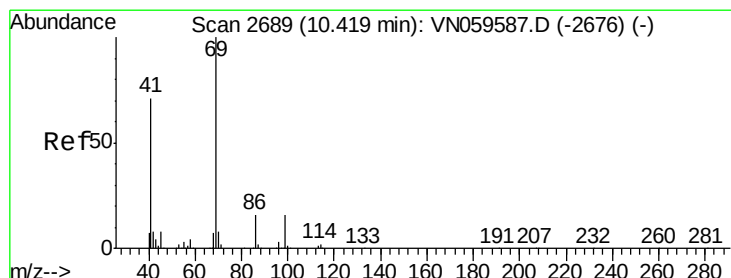
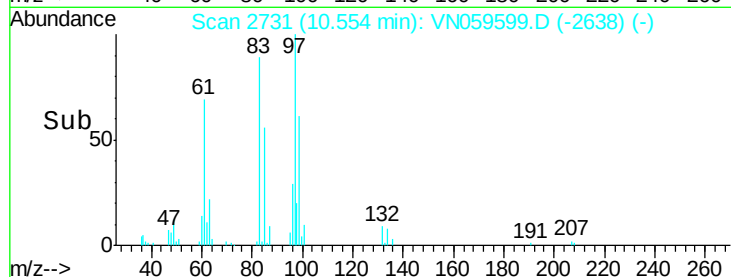
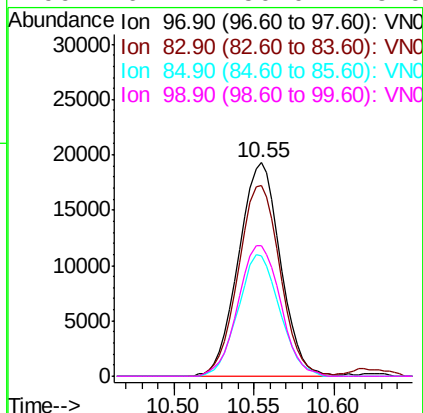
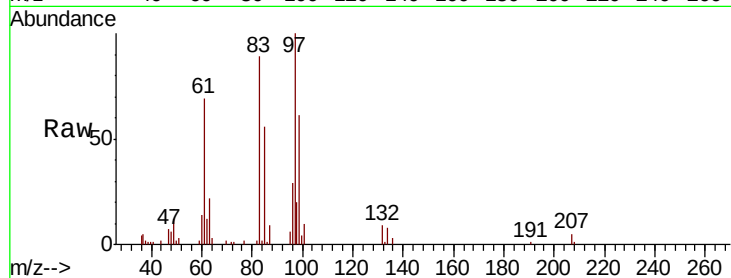




#55
 1,1,2-Trichloroethane
 Concen: 11.237 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

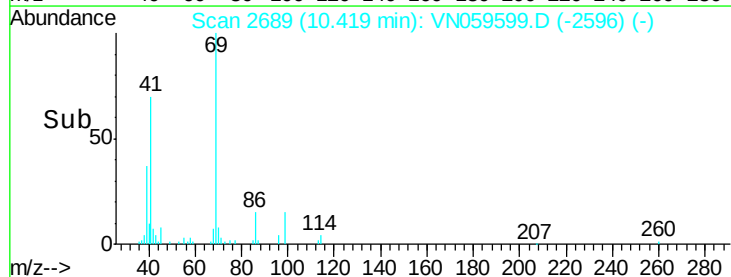
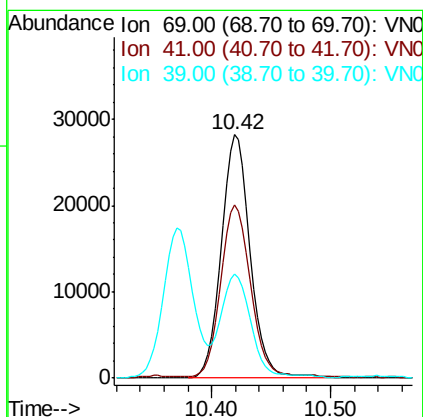
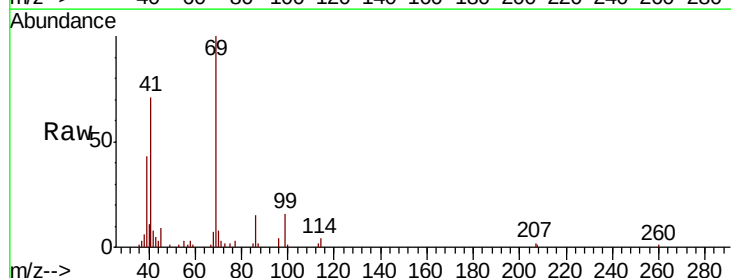
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

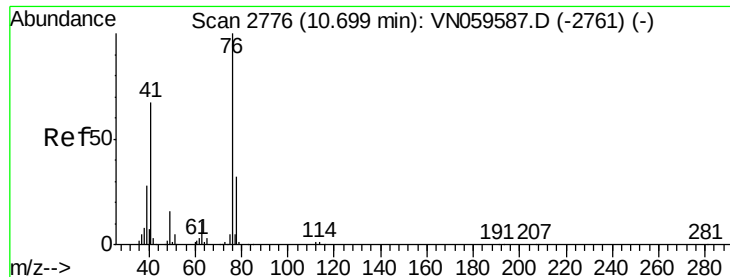
Tgt Ion: 97 Resp: 34493
 Ion Ratio Lower Upper
 97 100
 83 89.2 71.3 106.9
 85 56.4 45.8 68.8
 99 61.1 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 10.395 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion: 69 Resp: 47373
 Ion Ratio Lower Upper
 69 100
 41 72.8 57.1 85.7
 39 46.1 34.7 52.1





#57

1,3-Dichloropropane

Concen: 11.224 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

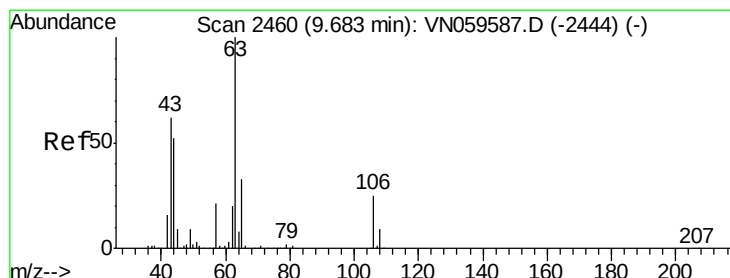
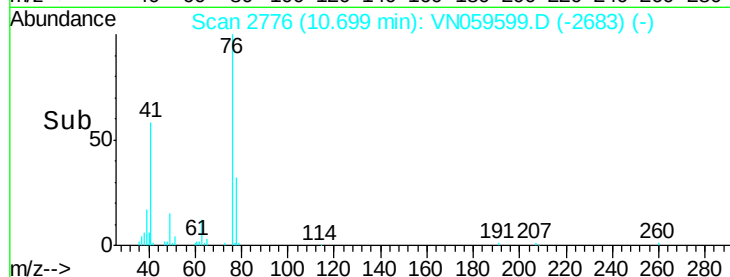
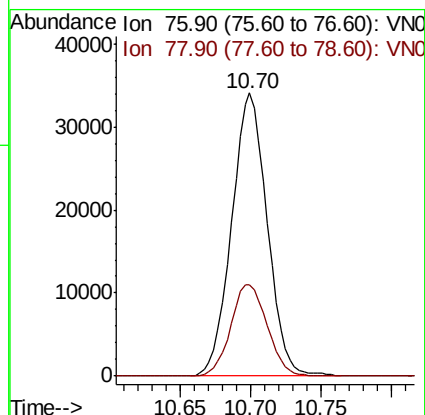
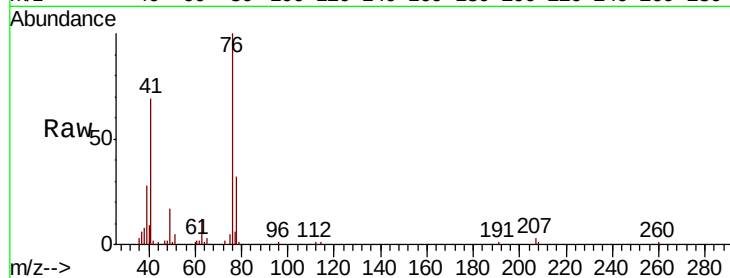
VN1216WBS01

Tgt Ion: 76 Resp: 59988

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 67.078 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059599.D

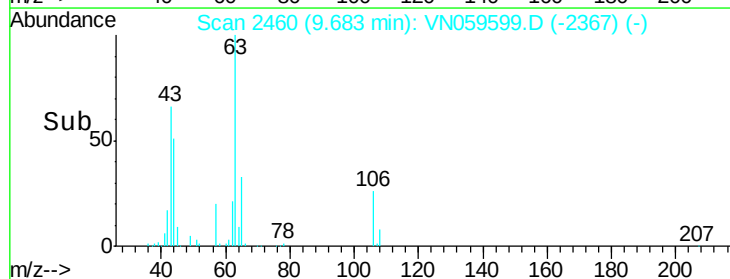
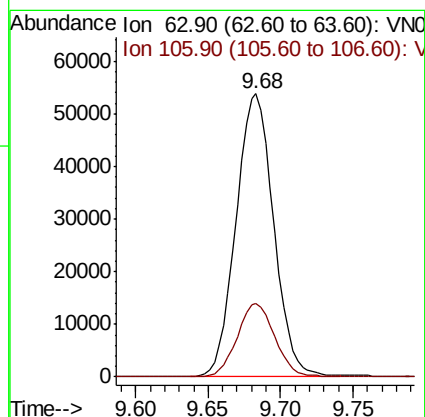
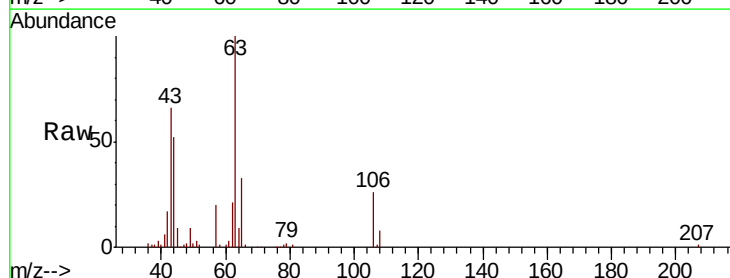
Acq: 16 Dec 2019 13:38

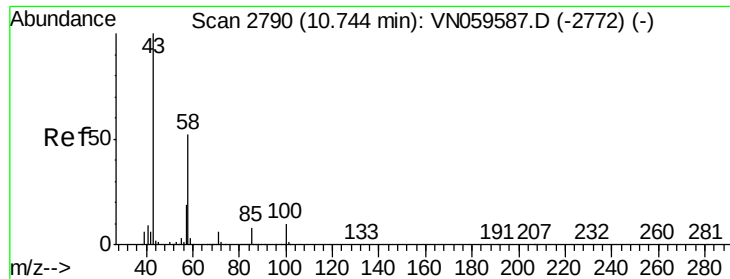
Tgt Ion: 63 Resp: 97218

Ion Ratio Lower Upper

63 100

106 25.9 20.2 30.2

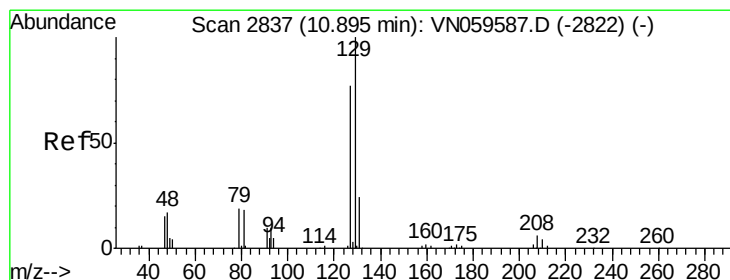
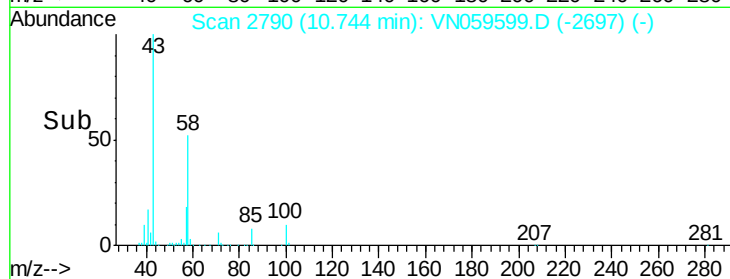
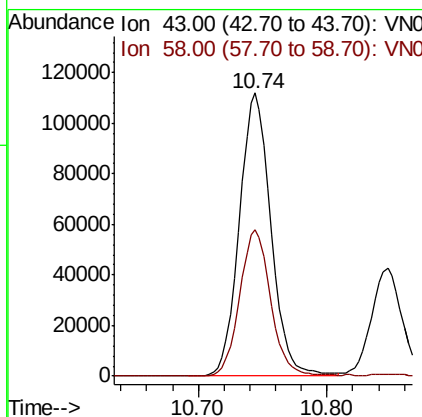
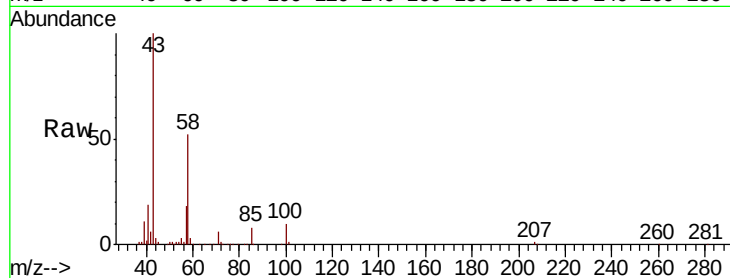




#59
2-Hexanone
Concen: 51.577 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

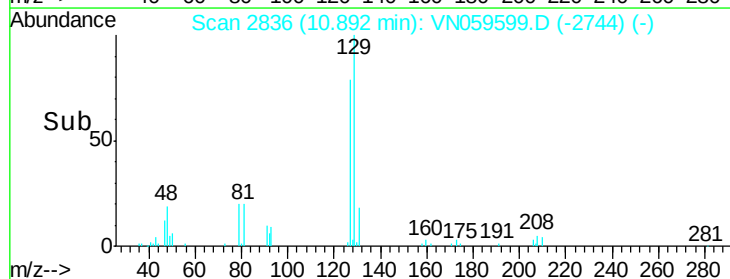
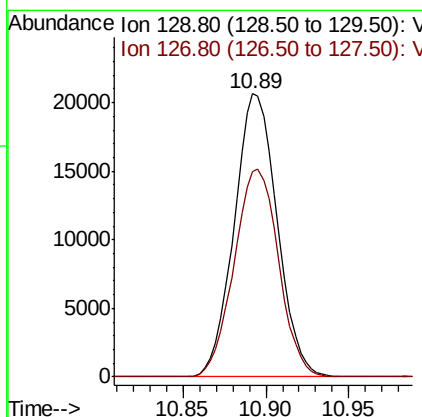
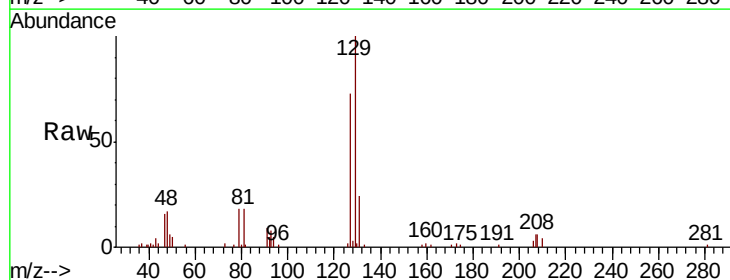
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

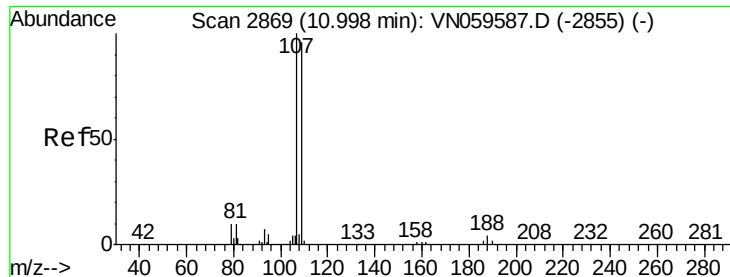
Tgt Ion: 43 Resp: 190799
Ion Ratio Lower Upper
43 100
58 50.8 25.8 77.3



#60
Dibromochloromethane
Concen: 11.094 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 129 Resp: 37167
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

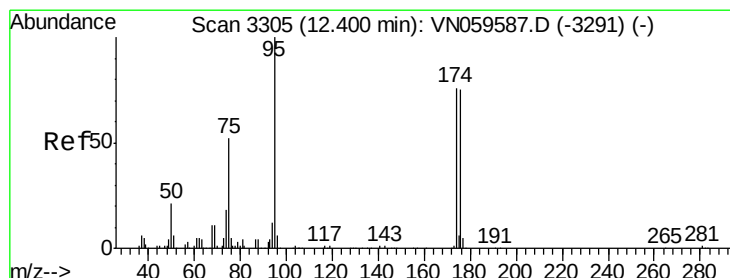
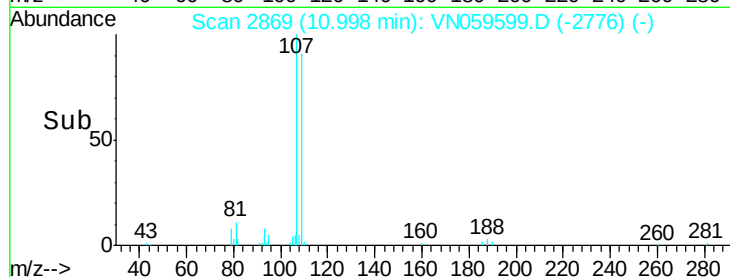
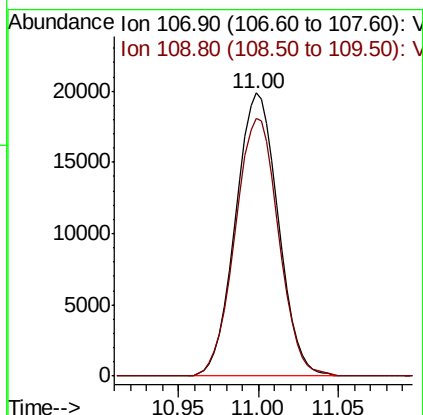
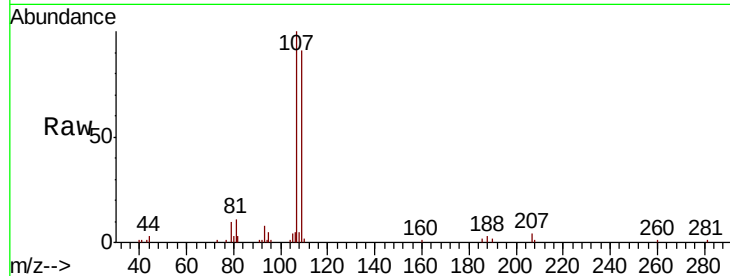




#61
 1,2-Dibromoethane
 Concen: 11.098 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

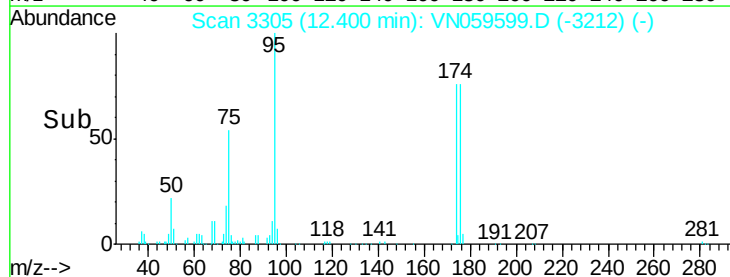
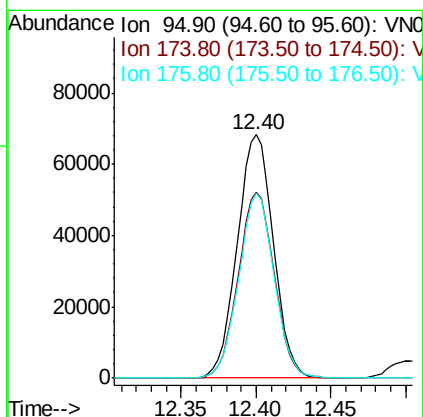
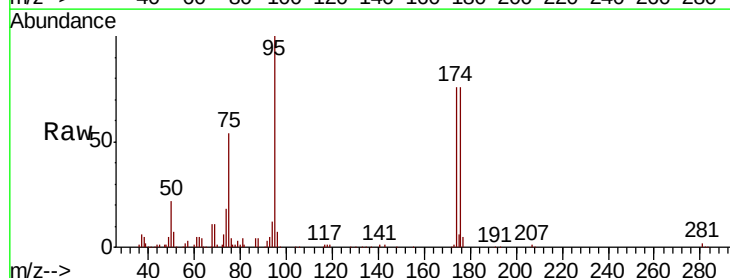
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

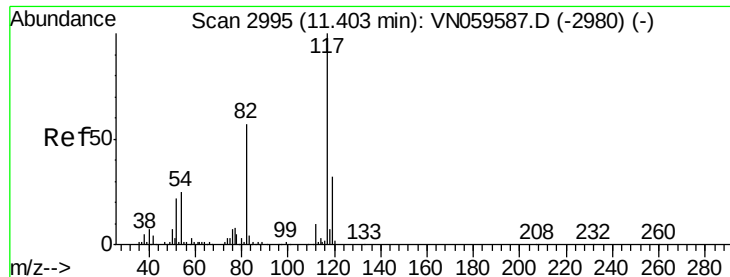
Tgt Ion: 107 Resp: 36129
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 30.423 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion: 95 Resp: 114881
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 151.4
 176 74.3 0.0 146.0

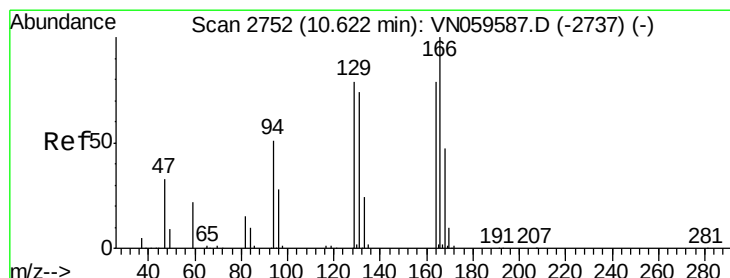
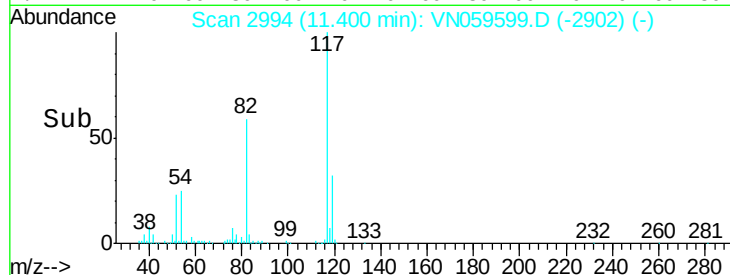
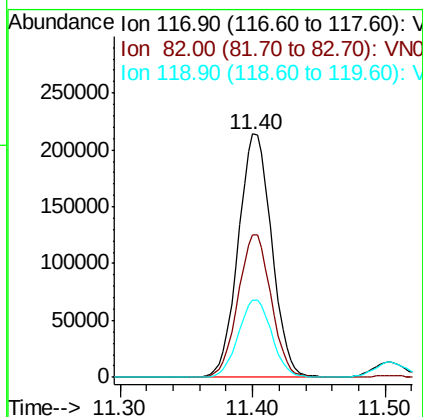
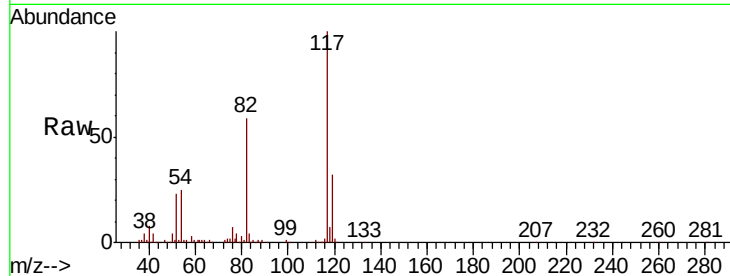




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

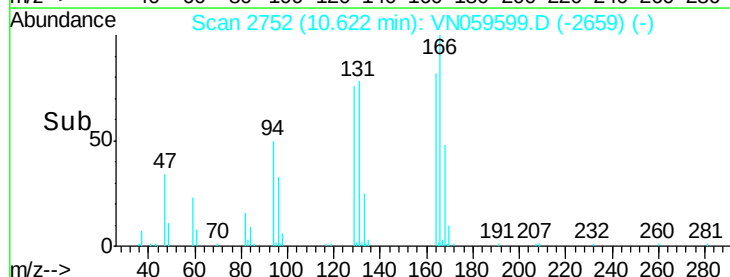
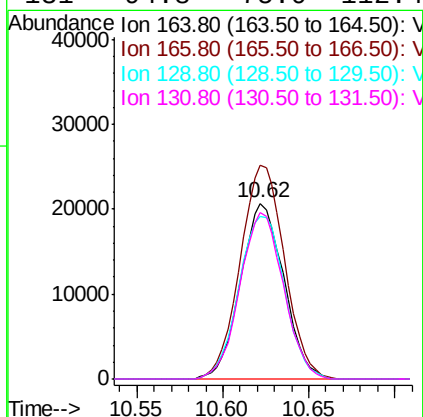
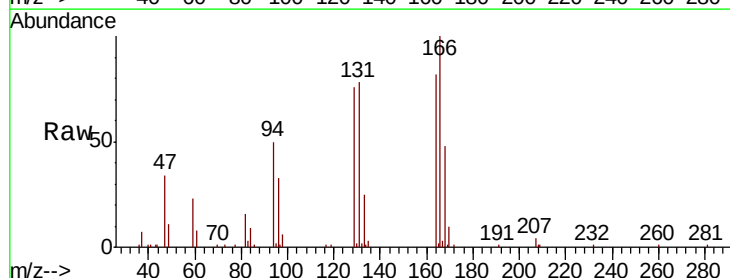
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

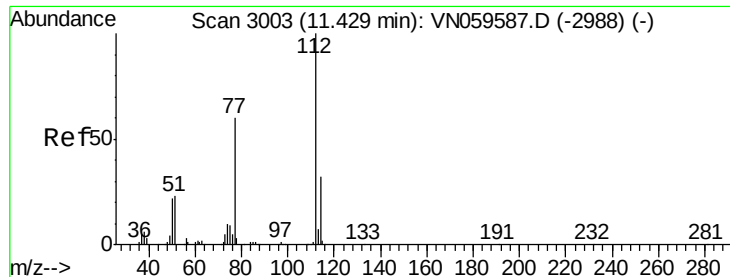
Tgt Ion:117 Resp: 375028
Ion Ratio Lower Upper
117 100
82 58.6 45.9 68.9
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 10.378 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion:164 Resp: 36281
Ion Ratio Lower Upper
164 100
166 121.6 101.4 152.0
129 92.2 80.2 120.4
131 94.8 75.0 112.4





#65

Chlorobenzene

Concen: 11.234 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

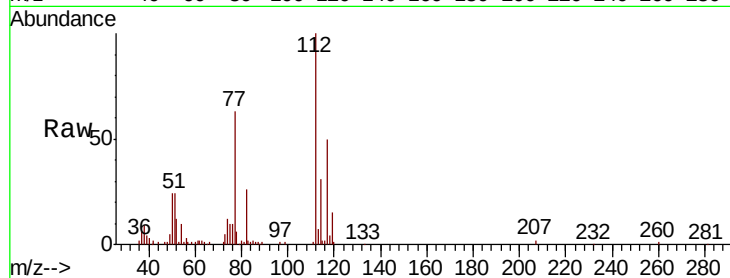
VN1216WBS01

Tgt Ion:112 Resp: 91161

Ion Ratio Lower Upper

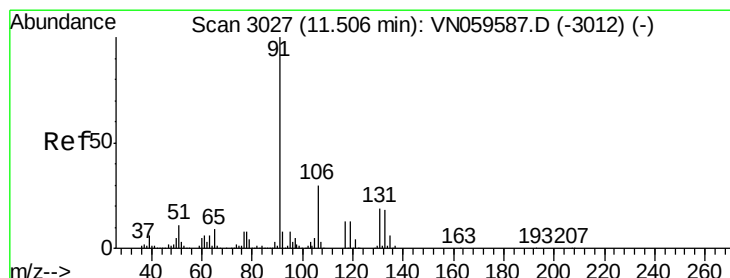
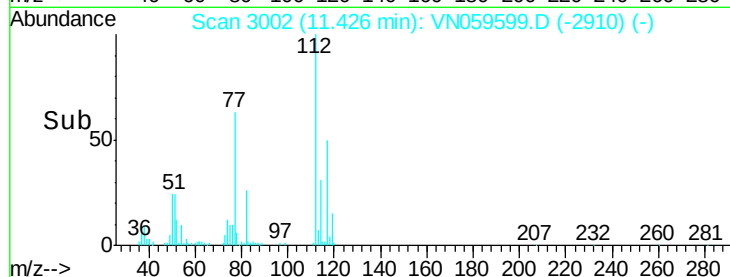
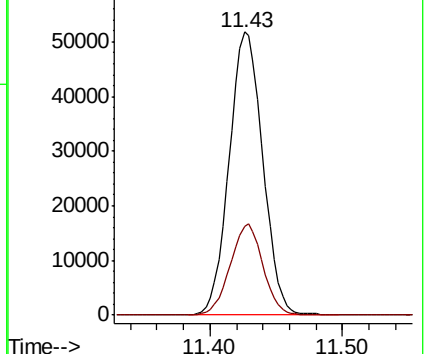
112 100

114 31.4 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 10.899 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

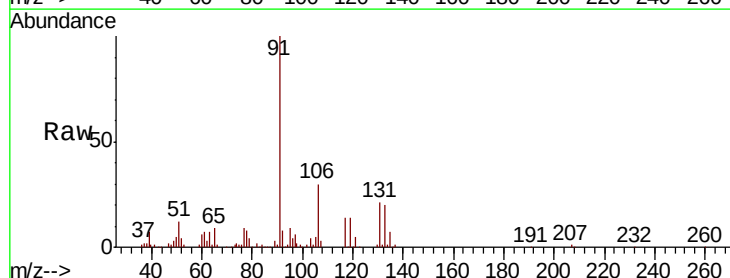
Tgt Ion:131 Resp: 33594

Ion Ratio Lower Upper

131 100

133 98.1 47.4 142.2

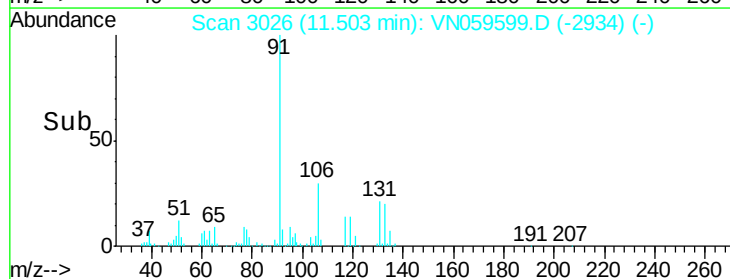
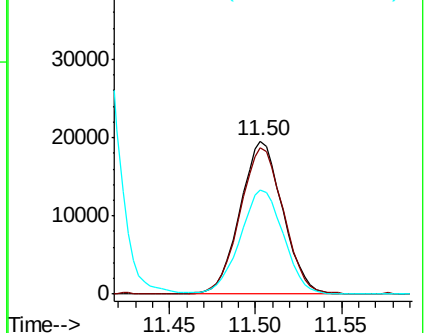
119 69.7 33.1 99.3

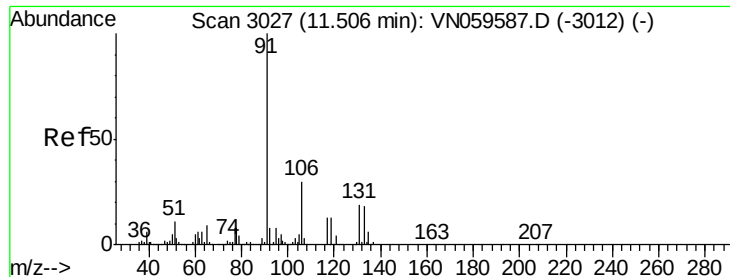


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 11.070 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

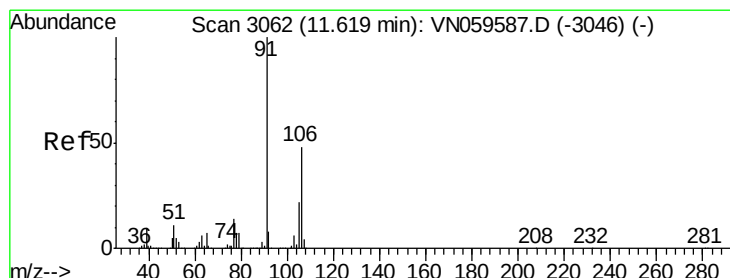
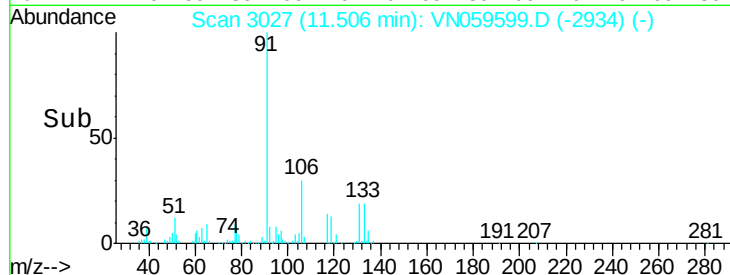
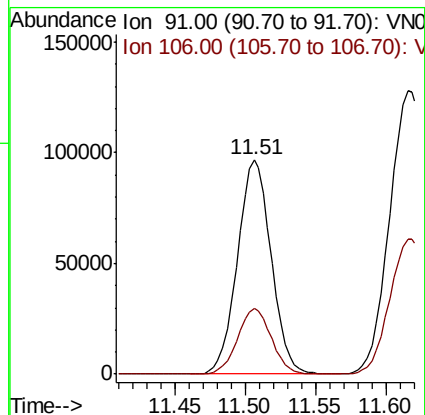
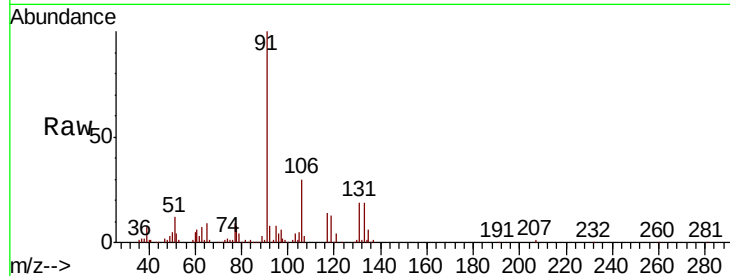
VN1216WBS01

Tgt Ion: 91 Resp: 162140

Ion Ratio Lower Upper

91 100

106 30.5 24.1 36.1



#68

m/p-Xylenes

Concen: 22.012 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059599.D

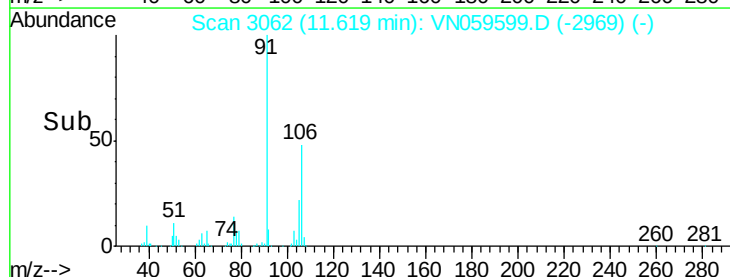
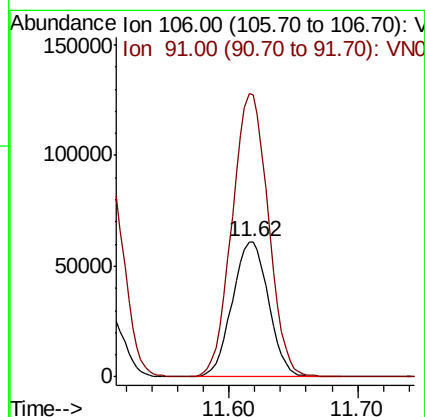
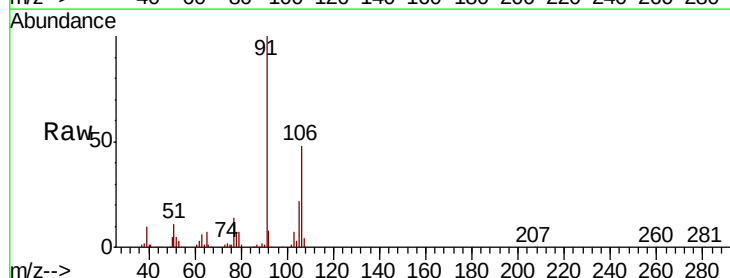
Acq: 16 Dec 2019 13:38

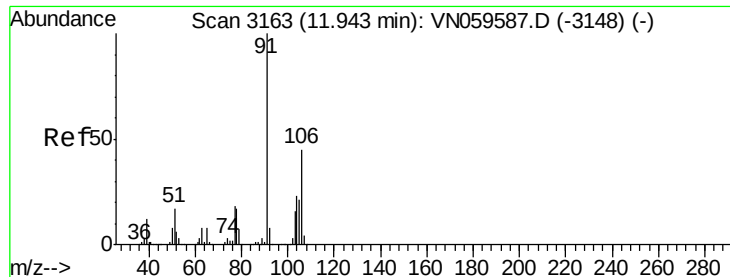
Tgt Ion: 106 Resp: 119056

Ion Ratio Lower Upper

106 100

91 209.4 167.9 251.9

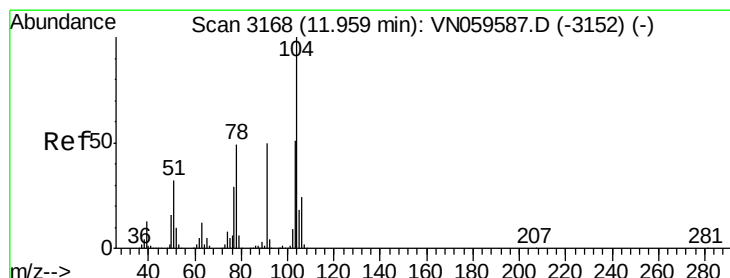
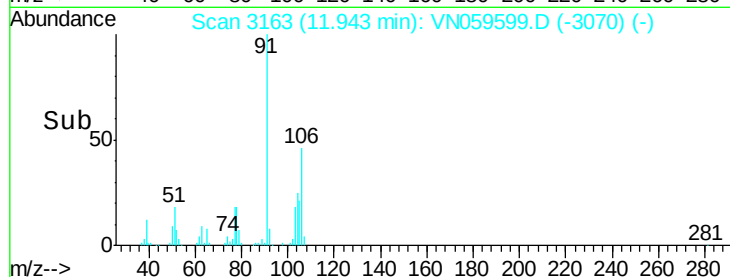
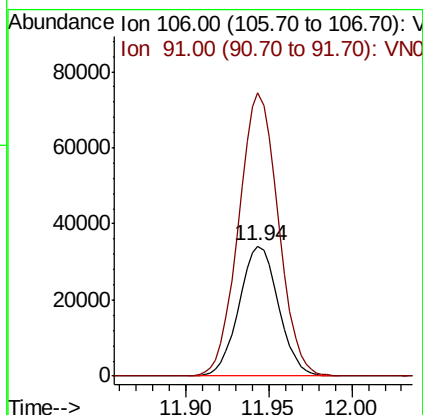
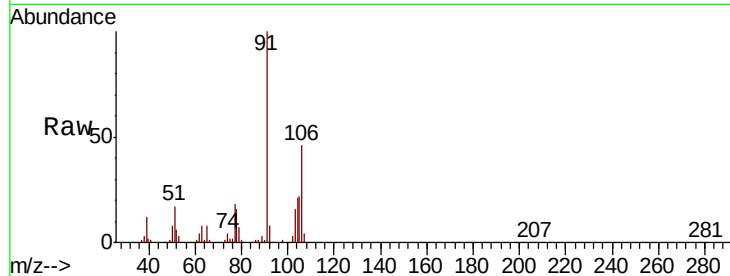




#69
o-Xylene
Concen: 10.969 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

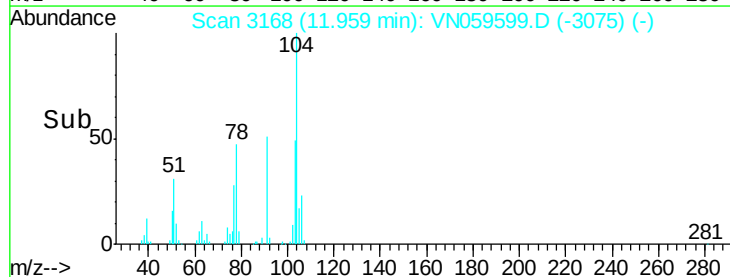
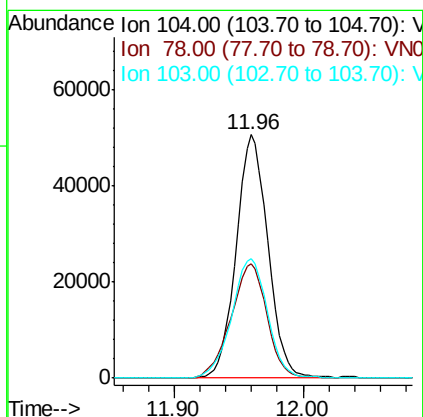
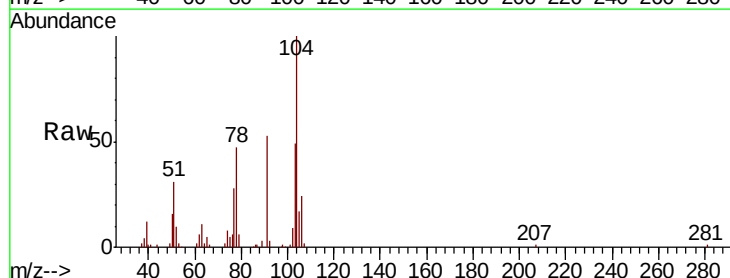
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

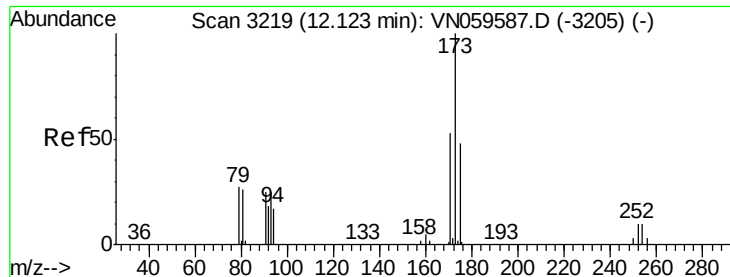
Tgt Ion:106 Resp: 56451
Ion Ratio Lower Upper
106 100
91 219.5 110.3 330.9



#70
Styrene
Concen: 10.503 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion:104 Resp: 86847
Ion Ratio Lower Upper
104 100
78 53.3 42.4 63.6
103 55.1 43.9 65.9





#71

Bromoform

Concen: 10.852 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

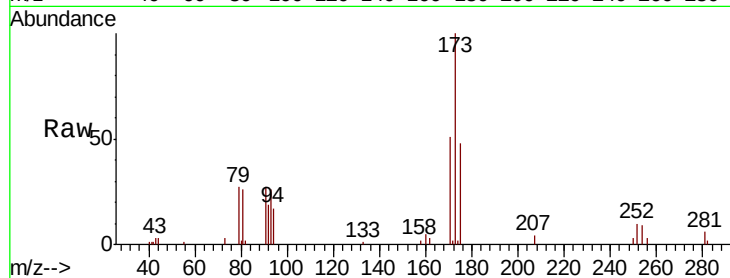
Tgt Ion:173 Resp: 25143

Ion Ratio Lower Upper

173 100

175 49.9 23.8 71.4

254 0.0 0.0 0.0

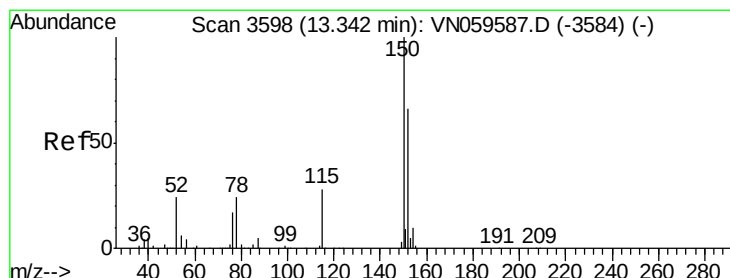
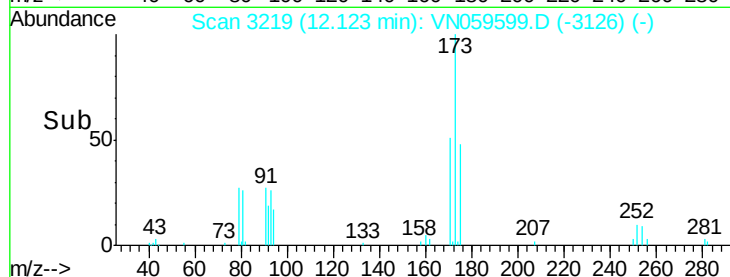
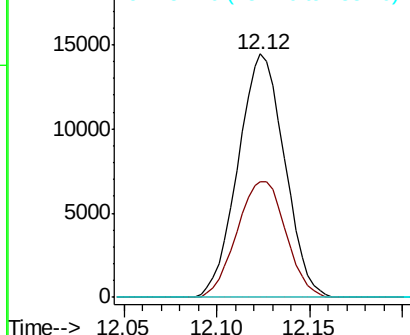


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

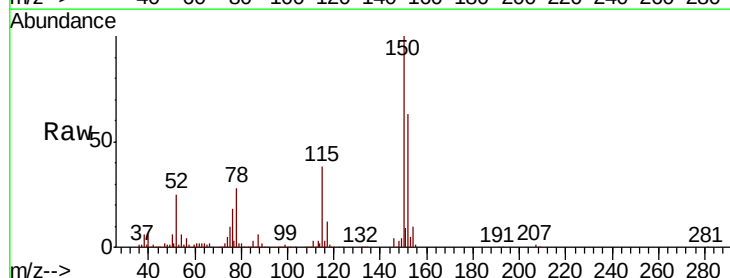
Tgt Ion:152 Resp: 167595

Ion Ratio Lower Upper

152 100

115 60.5 30.3 90.9

150 162.2 0.0 345.2

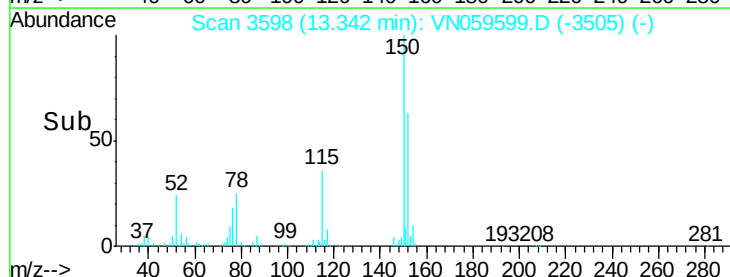
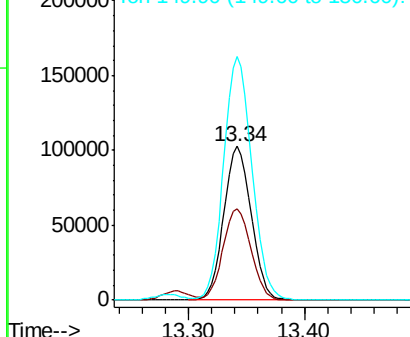


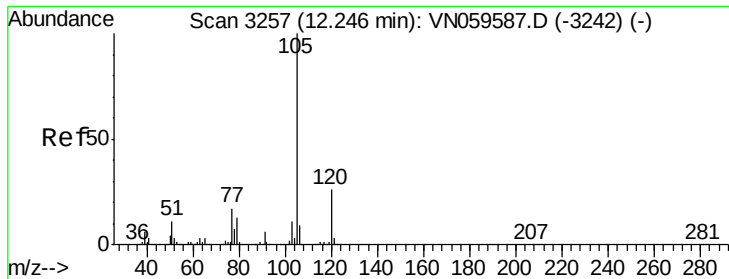
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

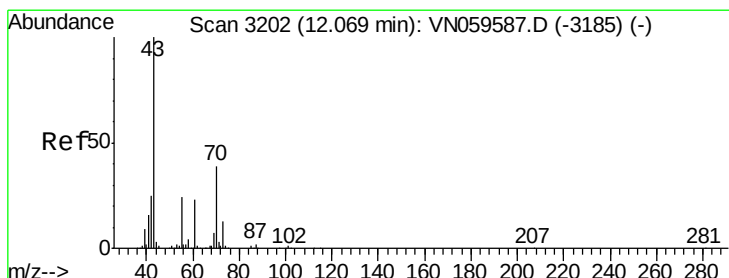
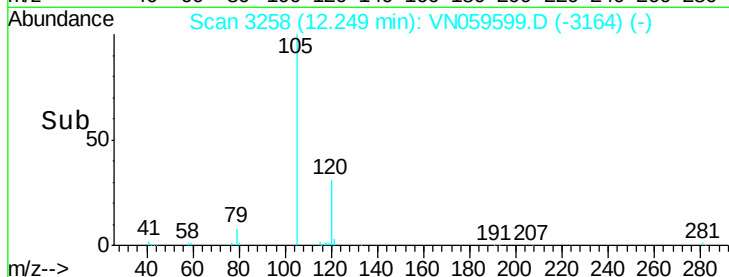
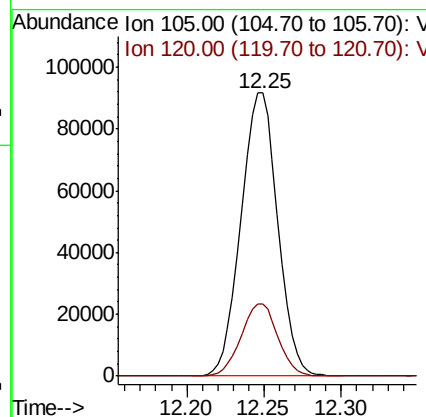
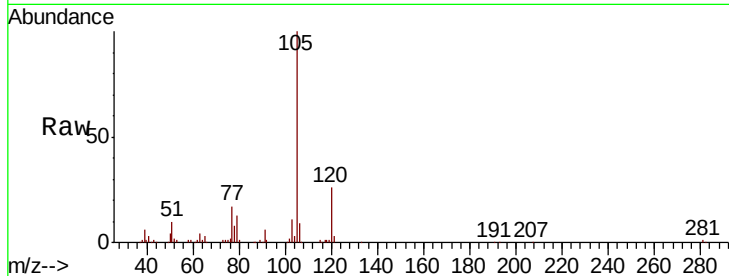




#73
Isopropylbenzene
Concen: 11.498 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

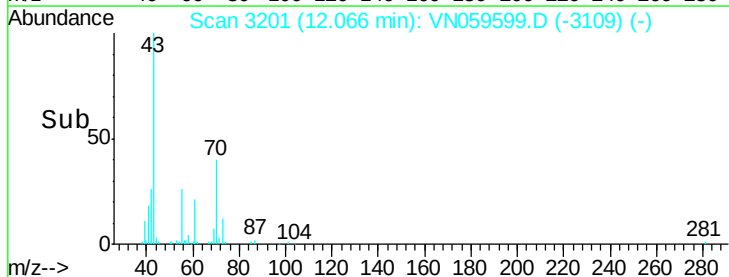
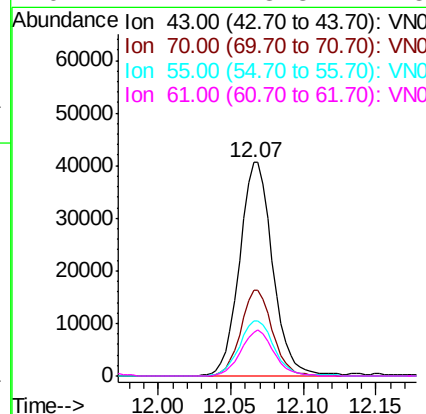
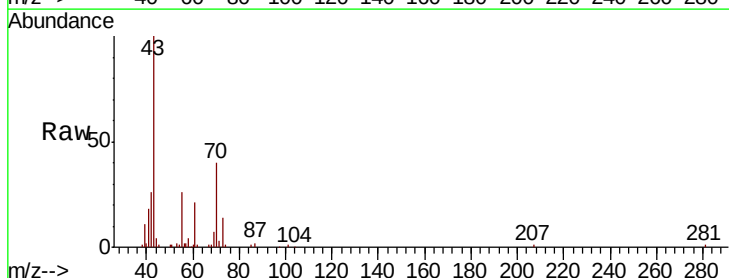
Instrument :
MSVOA_N
ClientSampled :
VN1216WBS01

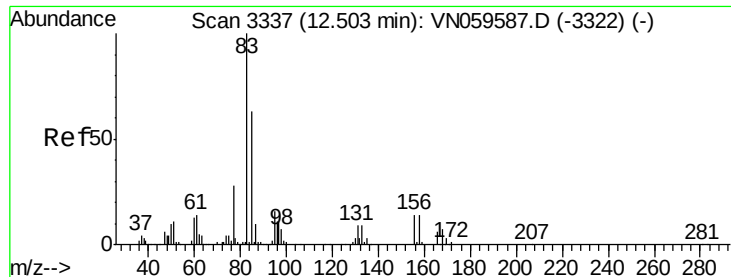
Tgt Ion: 105 Resp: 151266
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5



#74
N-ethyl acetate
Concen: 10.702 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. -0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 43 Resp: 64583
Ion Ratio Lower Upper
43 100
70 38.5 31.3 46.9
55 26.9 19.8 29.6
61 21.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 11.464 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

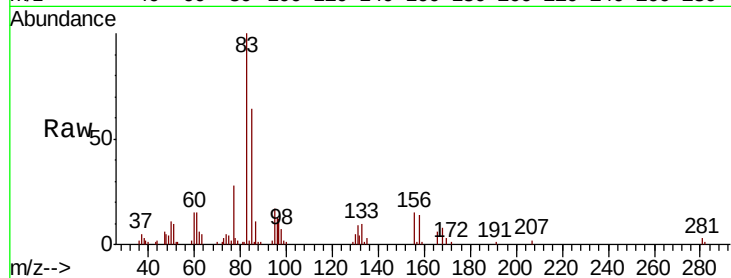
Tgt Ion: 83 Resp: 47842

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

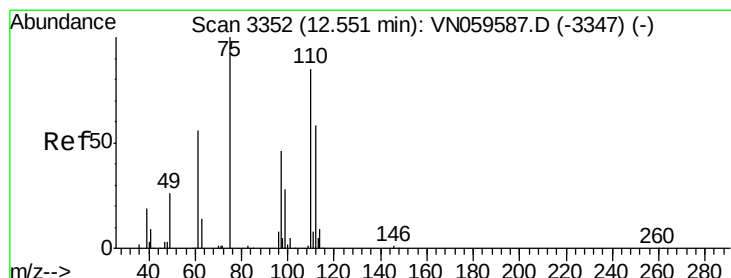
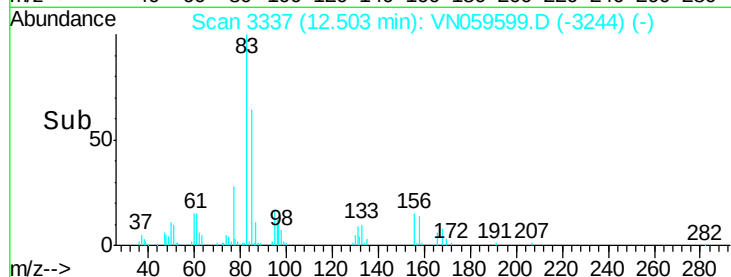
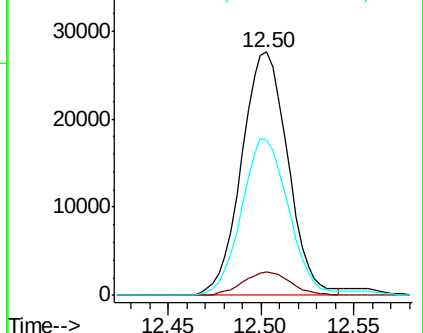
85 65.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059599.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059599.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059599.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 16.870 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059599.D

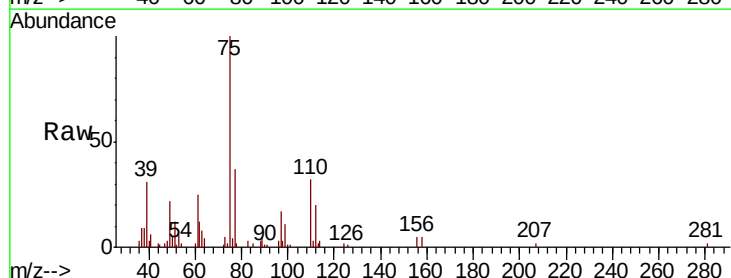
Acq: 16 Dec 2019 13:38

Tgt Ion: 75 Resp: 69991

Ion Ratio Lower Upper

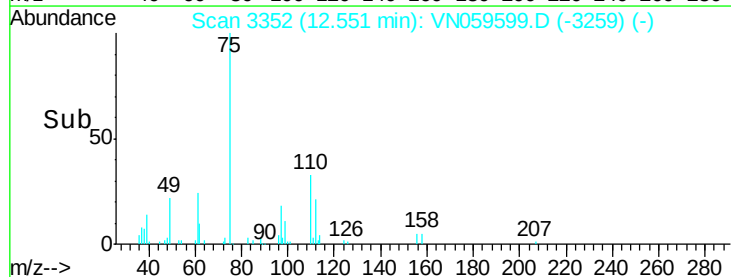
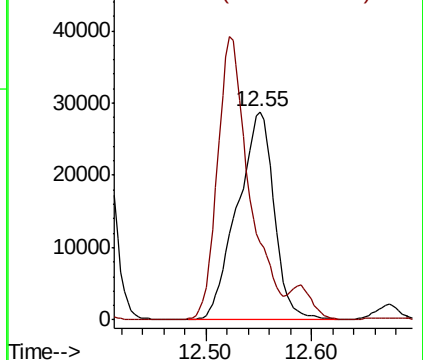
75 100

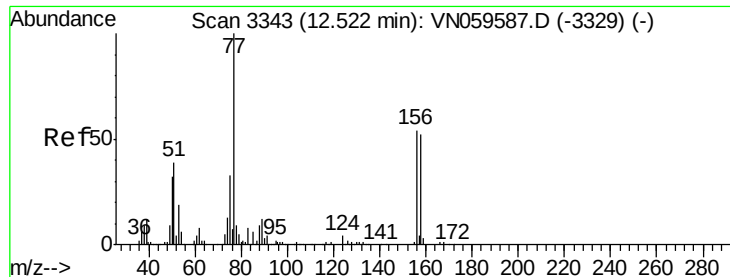
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059599.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059599.D (-3259) (-)





#77

Bromobenzene

Concen: 11.393 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

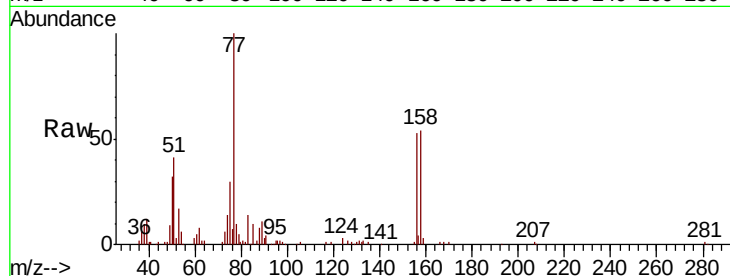
Tgt Ion:156 Resp: 36861

Ion Ratio Lower Upper

156 100

77 223.4 115.8 347.4

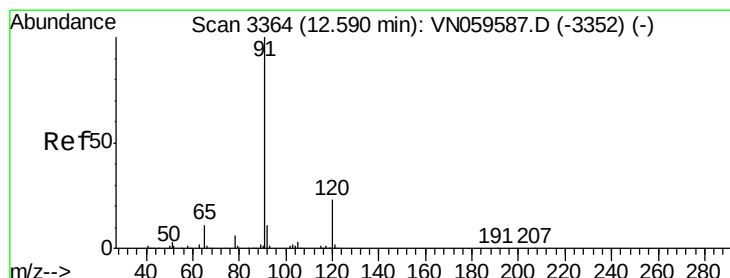
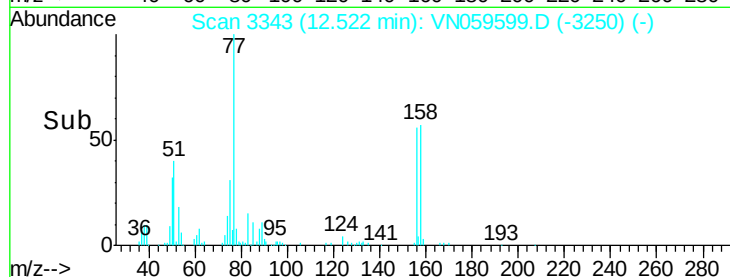
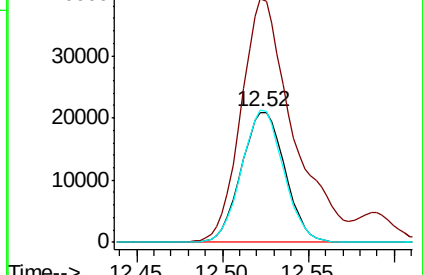
158 97.5 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 11.370 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059599.D

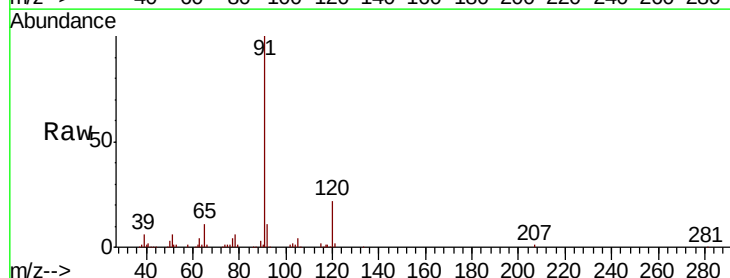
Acq: 16 Dec 2019 13:38

Tgt Ion: 91 Resp: 176823

Ion Ratio Lower Upper

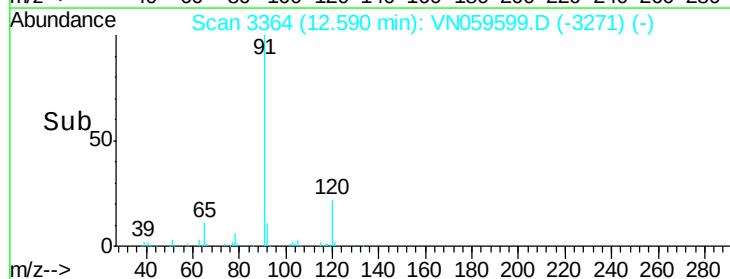
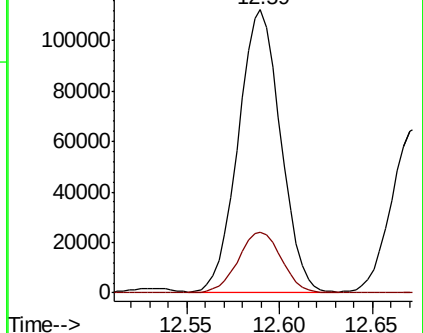
91 100

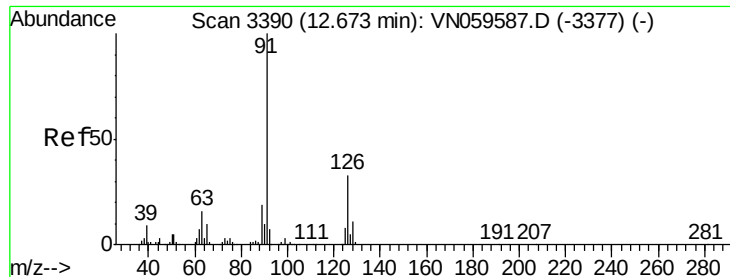
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 11.369 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

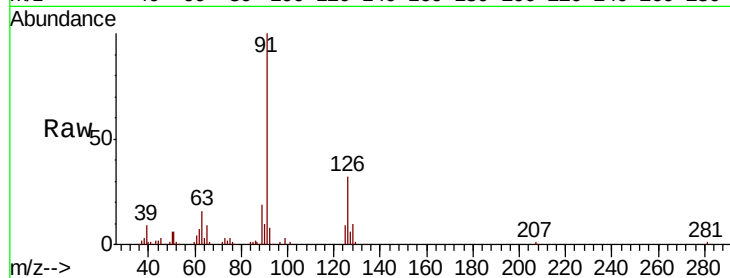
VN1216WBS01

Tgt Ion: 91 Resp: 106910

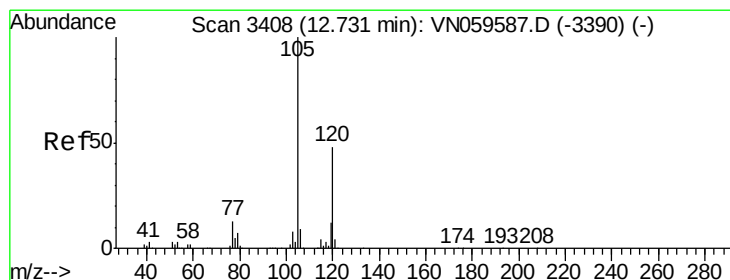
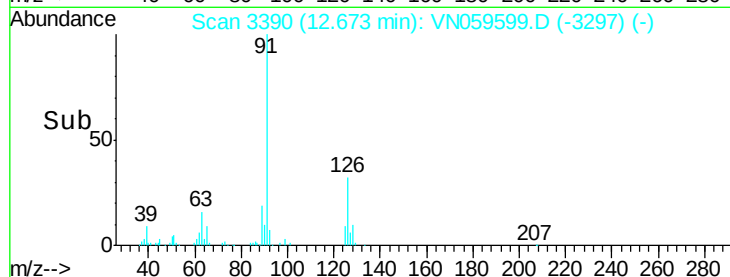
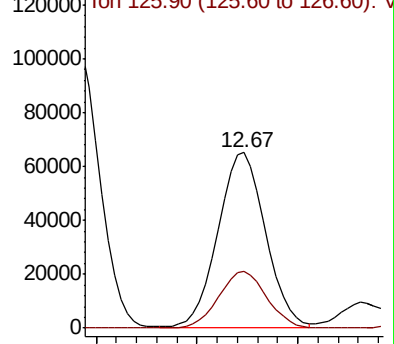
Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 11.505 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059599.D

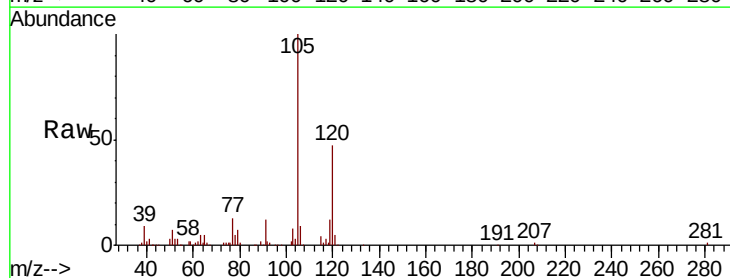
Acq: 16 Dec 2019 13:38

Tgt Ion: 105 Resp: 128093

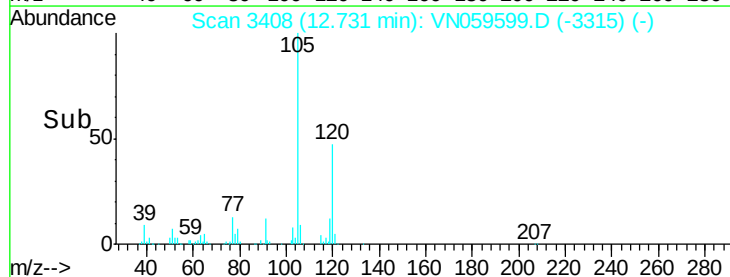
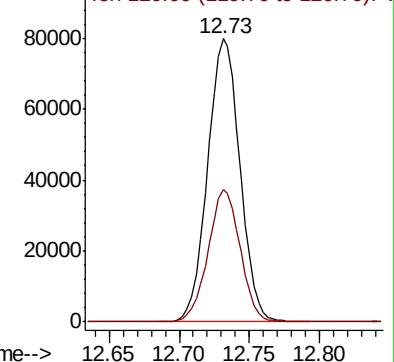
Ion Ratio Lower Upper

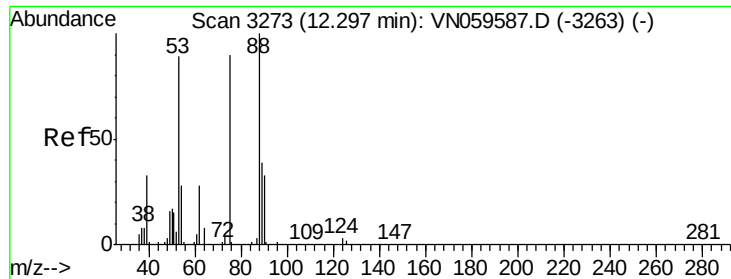
105 100

120 46.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059587.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 10.190 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampled :

VN1216WBS01

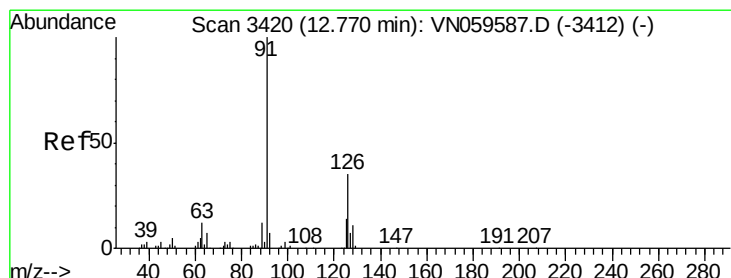
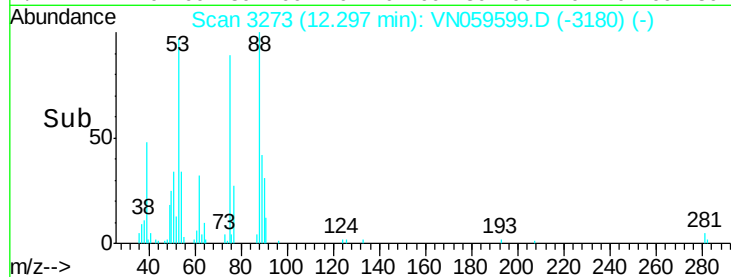
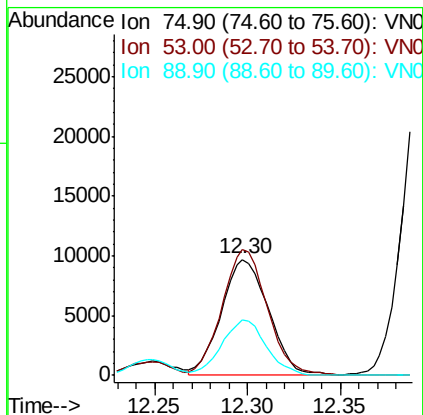
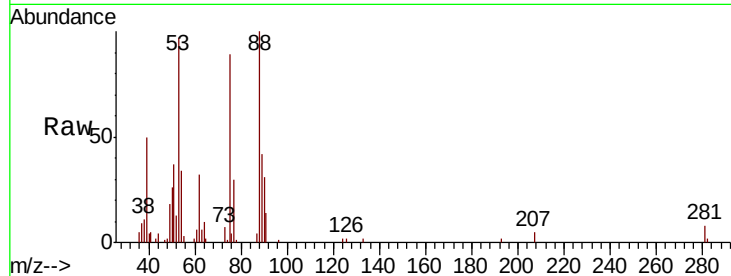
Tgt Ion: 75 Resp: 17117

Ion Ratio Lower Upper

75 100

53 104.7 78.1 117.1

89 45.2 35.4 53.2



#82

4-Chlorotoluene

Concen: 11.315 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN059599.D

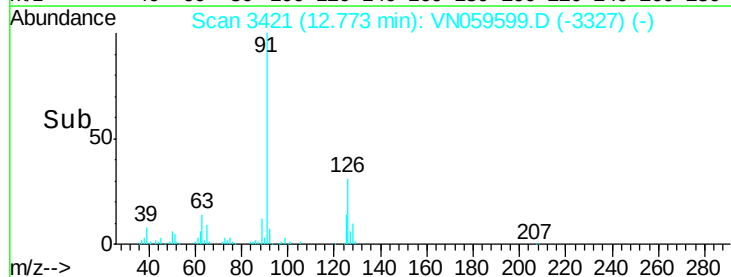
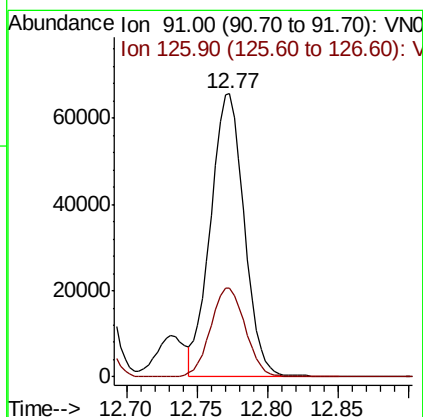
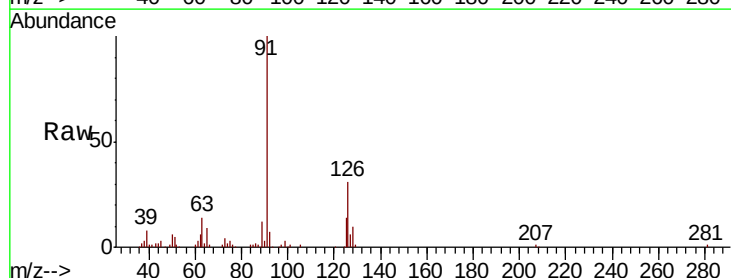
Acq: 16 Dec 2019 13:38

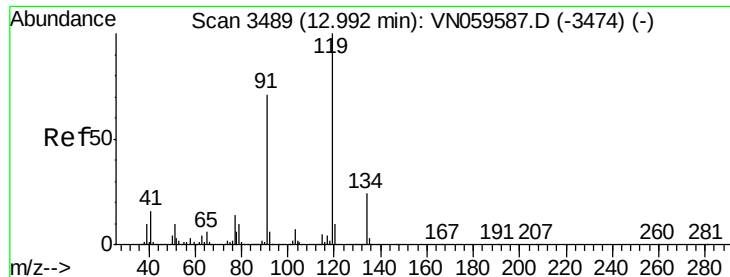
Tgt Ion: 91 Resp: 108949

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8





#83

tert-Butylbenzene

Concen: 11.176 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

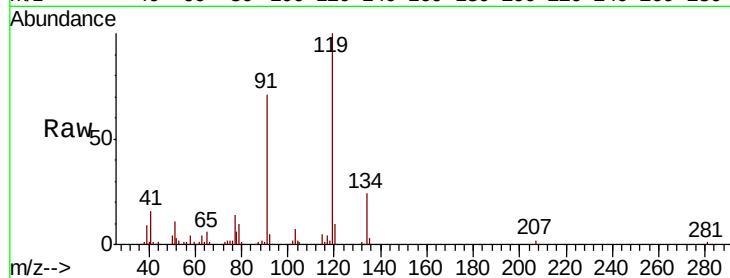
Tgt Ion:119 Resp: 105375

Ion Ratio Lower Upper

119 100

91 69.7 34.8 104.4

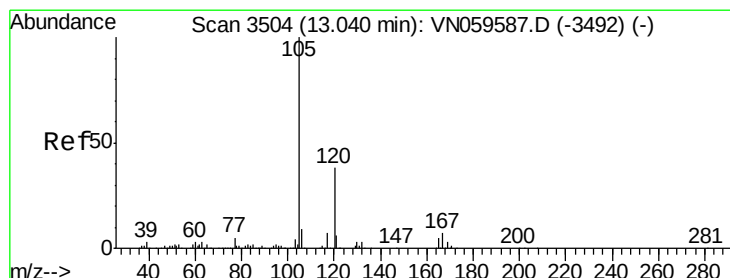
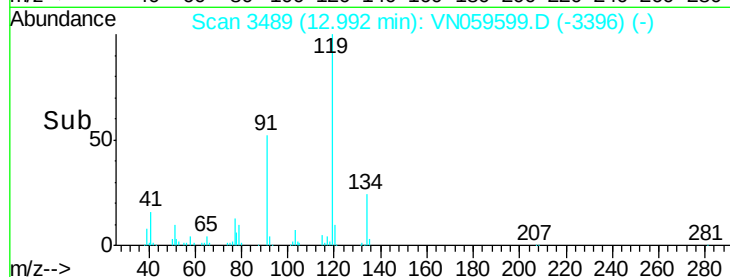
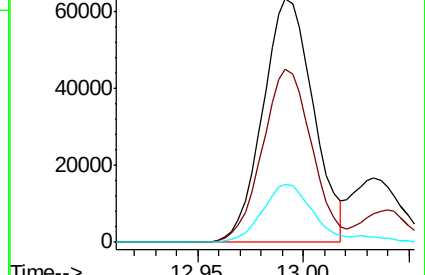
134 25.4 12.3 36.9



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: 11.209 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN059599.D

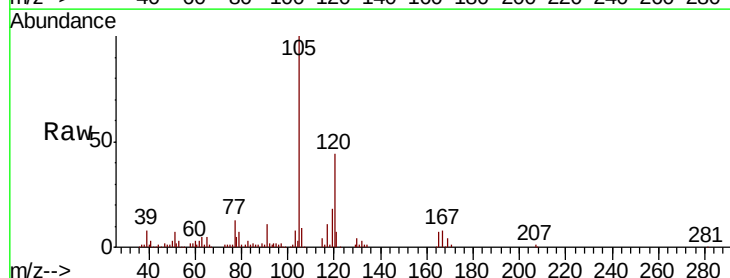
Acq: 16 Dec 2019 13:38

Tgt Ion:105 Resp: 124093

Ion Ratio Lower Upper

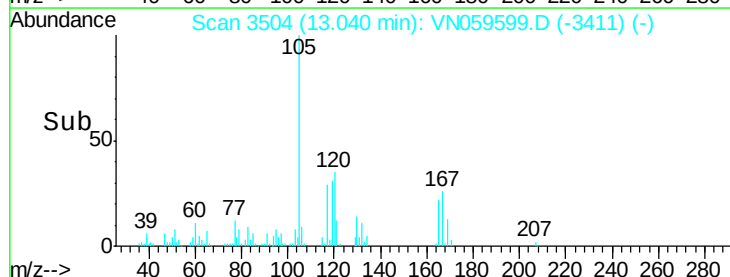
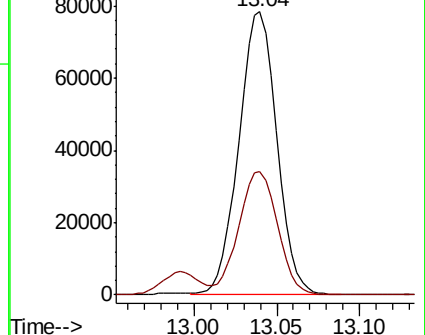
105 100

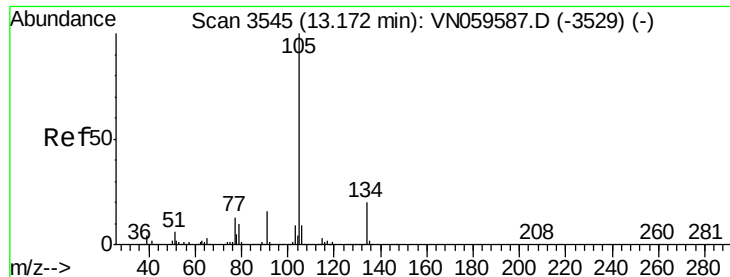
120 44.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 11.299 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

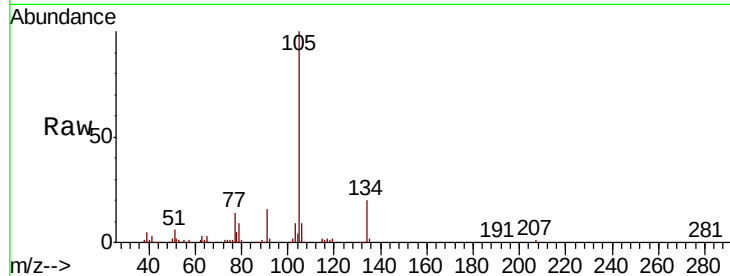
VN1216WBS01

Tgt Ion:105 Resp: 141715

Ion Ratio Lower Upper

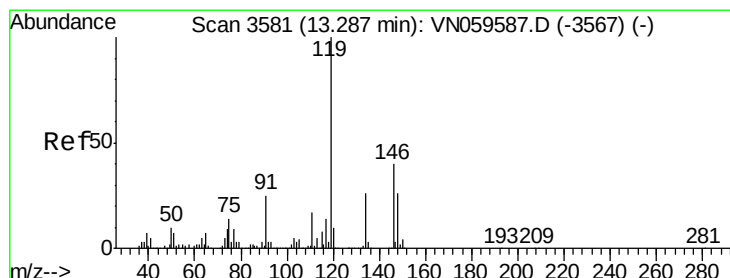
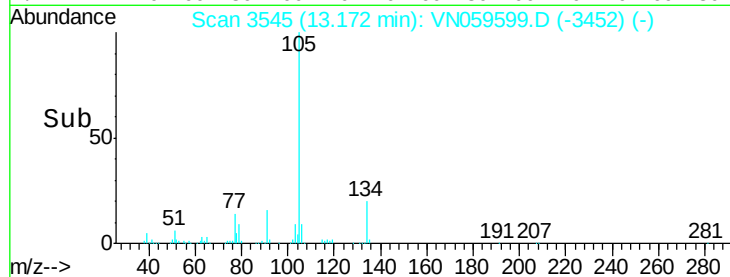
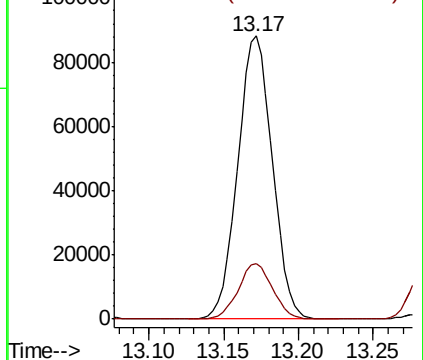
105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 11.098 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

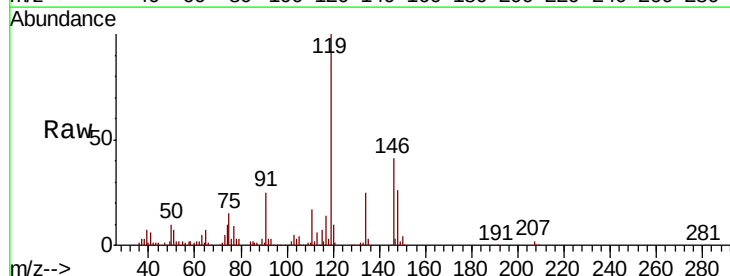
Tgt Ion:119 Resp: 126067

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

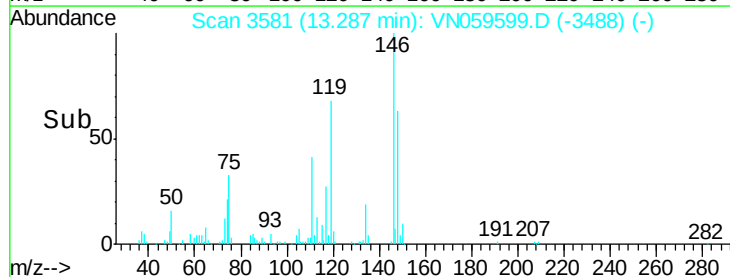
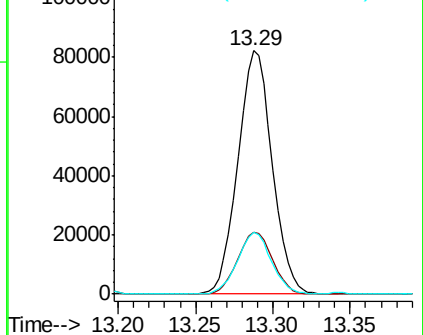
91 25.3 12.4 37.4

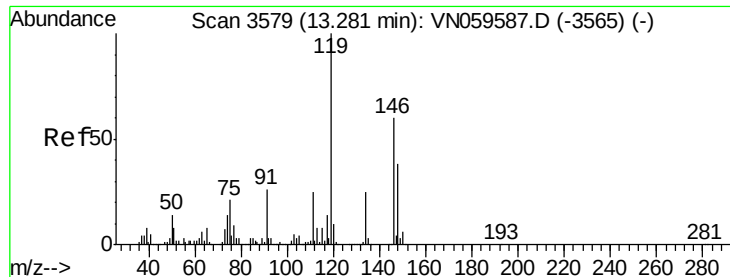


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

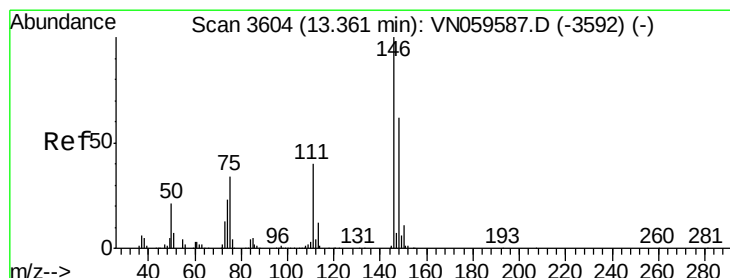
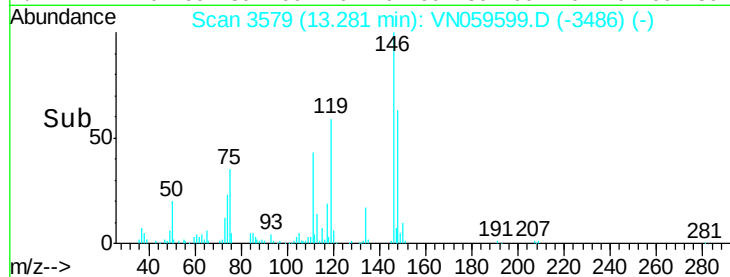
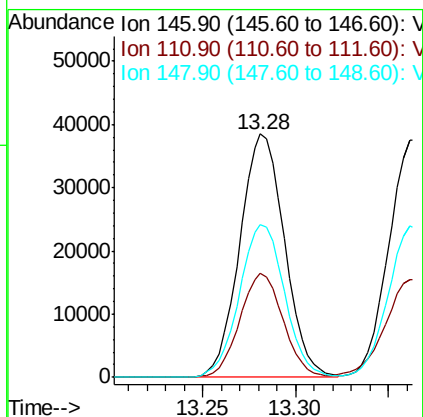
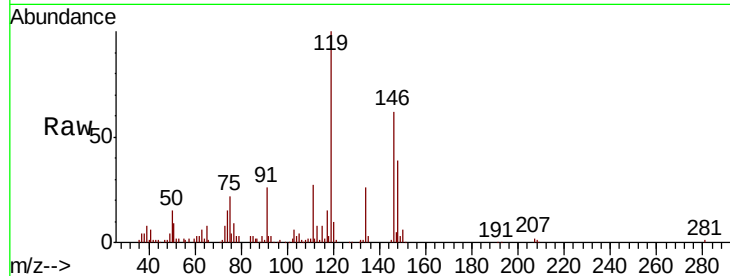




#87
 1,3-Dichlorobenzene
 Concen: 10.878 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

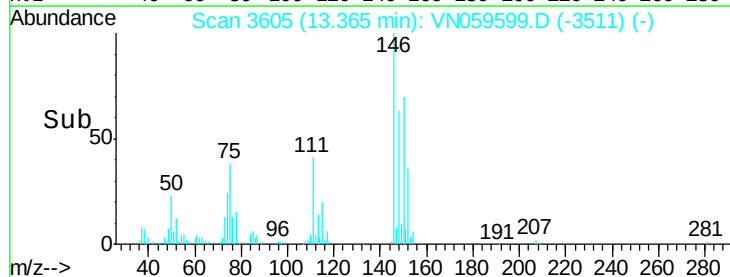
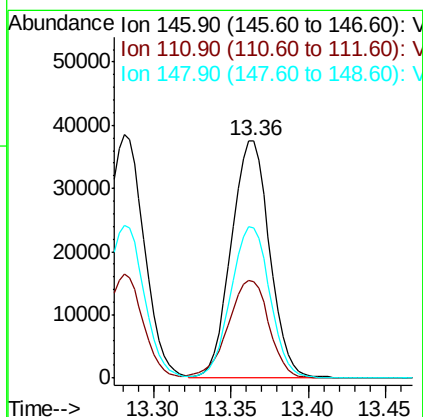
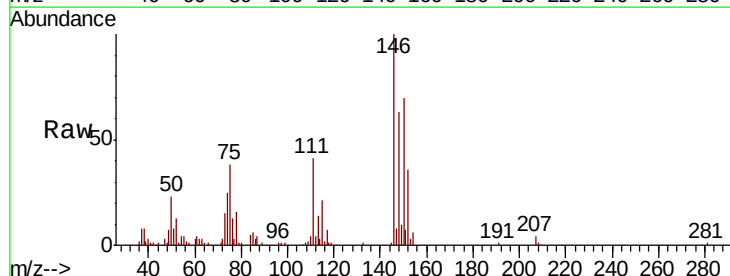
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

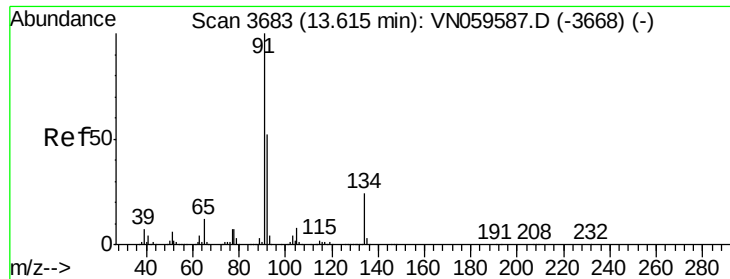
Tgt Ion:146 Resp: 64716
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 10.790 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion:146 Resp: 64720
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.8 62.2
 148 65.0 31.8 95.4

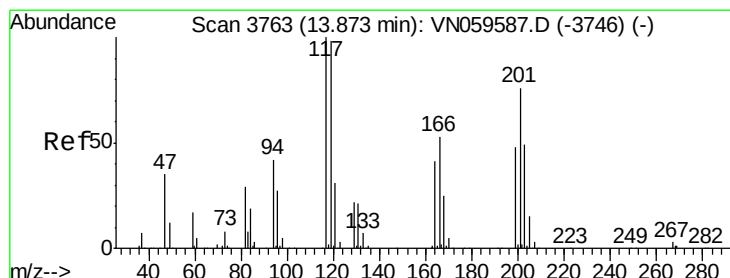
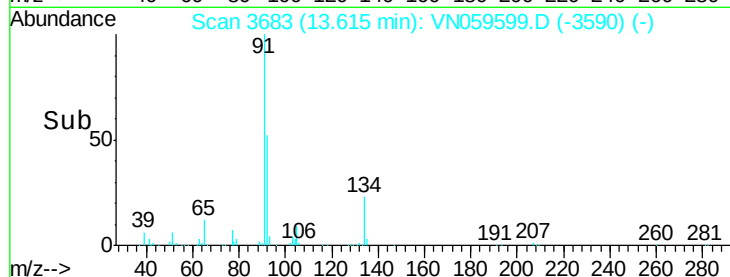
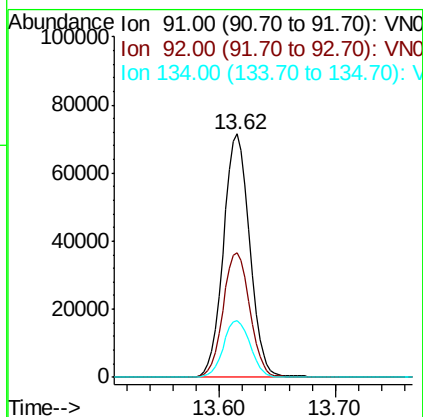
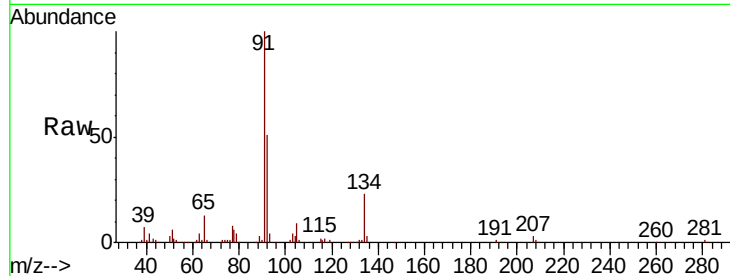




#89
n-Butylbenzene
Concen: 10.601 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

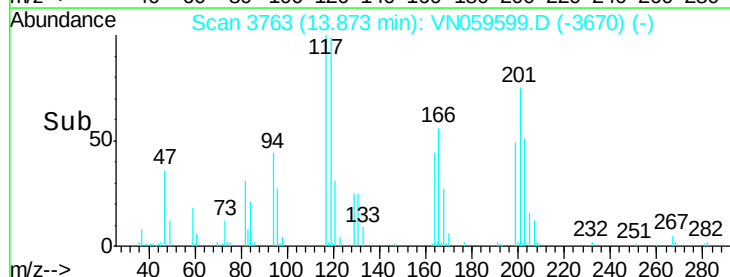
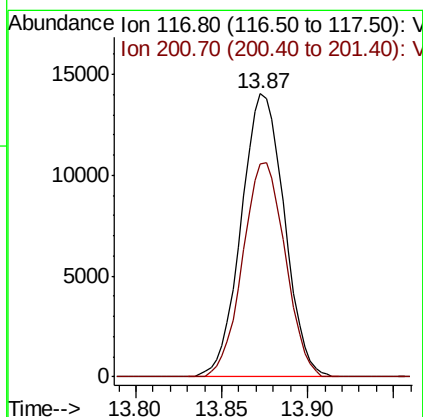
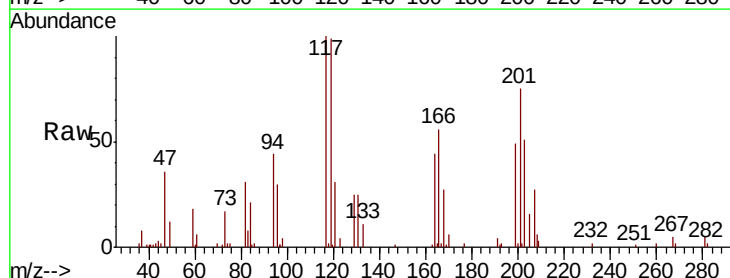
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

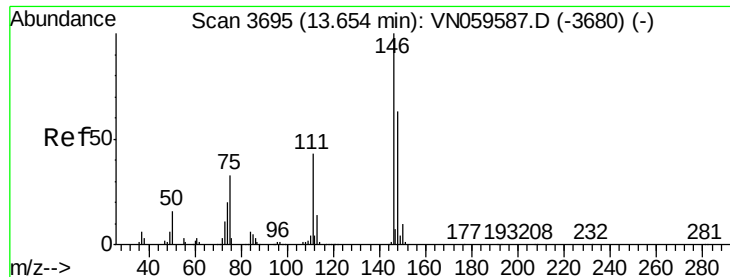
Tgt Ion: 91 Resp: 112902
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.7
134 23.9 12.3 36.8



#90
Hexachloroethane
Concen: 11.383 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 117 Resp: 24440
Ion Ratio Lower Upper
117 100
201 74.5 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 10.930 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

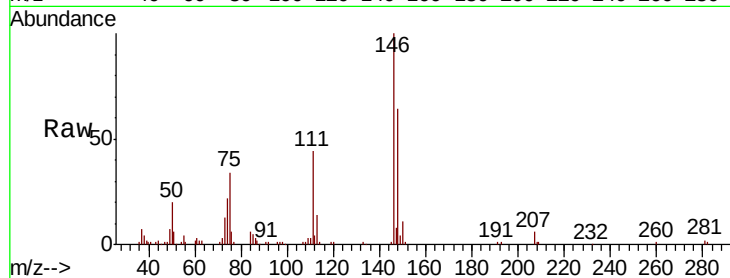
Tgt Ion:146 Resp: 64130

Ion Ratio Lower Upper

146 100

111 43.1 21.6 64.8

148 64.4 31.6 95.0

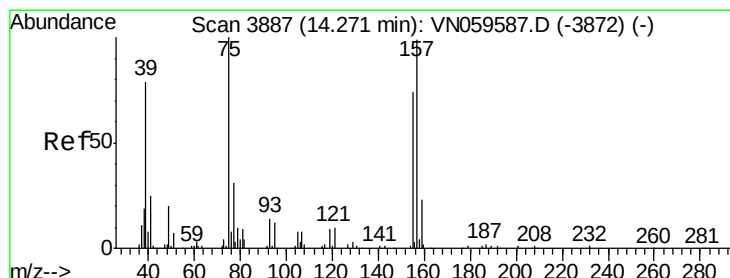
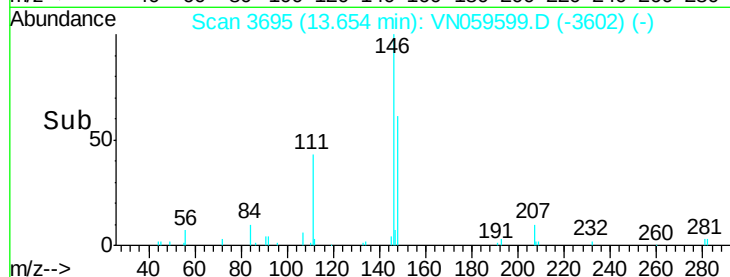
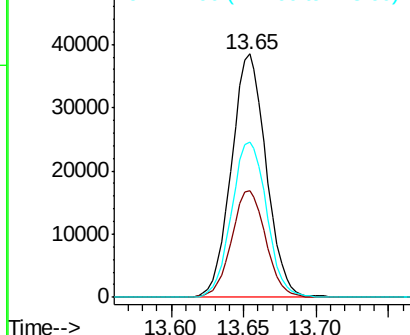


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.262 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN059599.D

Acq: 16 Dec 2019 13:38

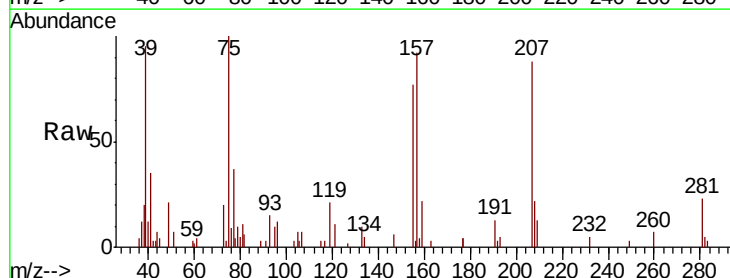
Tgt Ion: 75 Resp: 11691

Ion Ratio Lower Upper

75 100

155 67.4 37.0 110.9

157 87.3 48.4 145.2

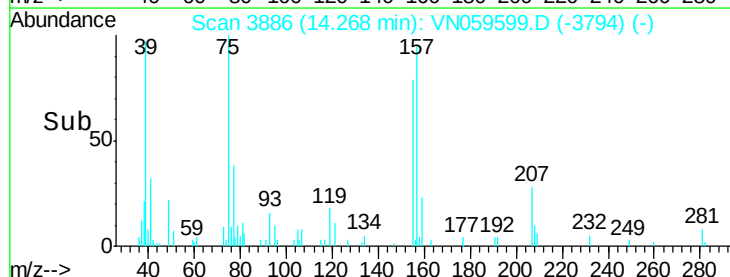
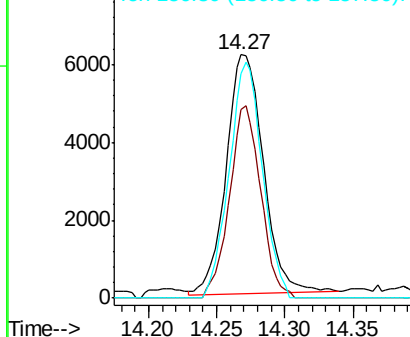


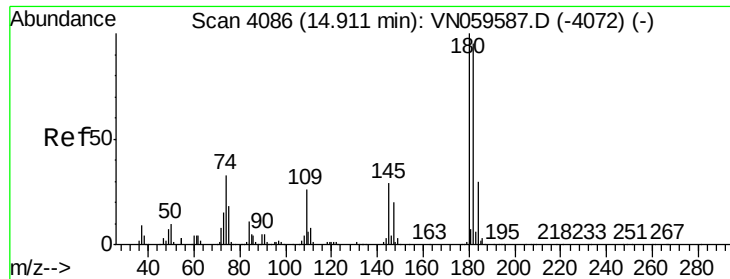
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

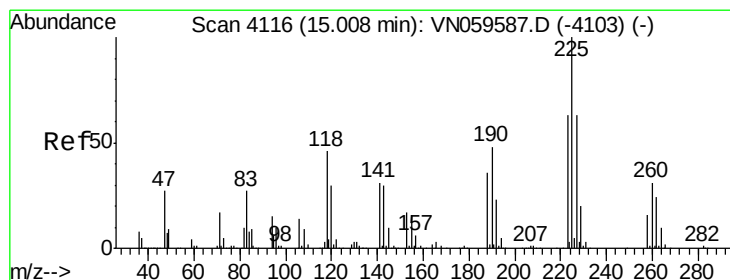
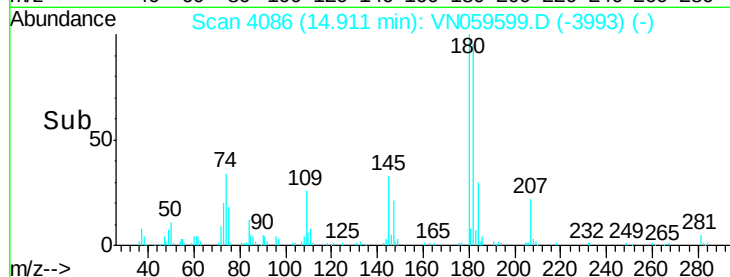
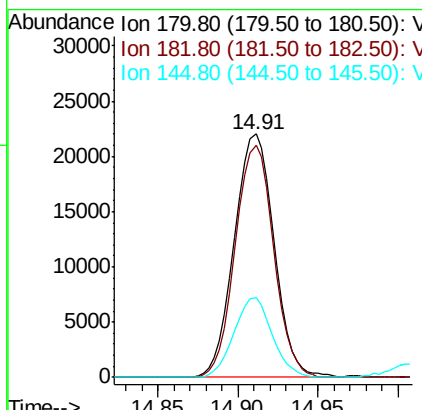
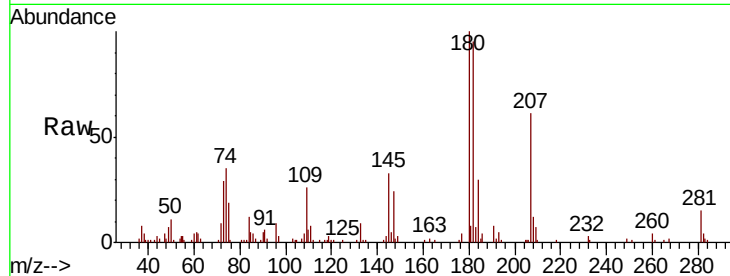




#93
 1,2,4-Trichlorobenzene
 Concen: 9.851 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

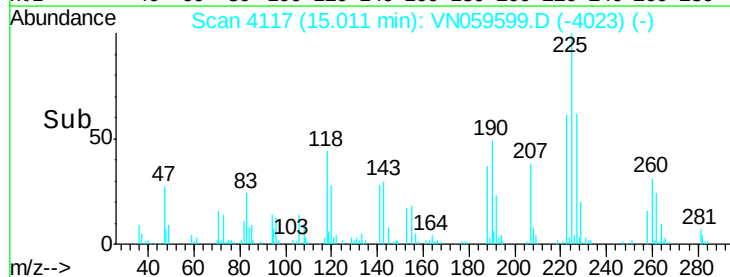
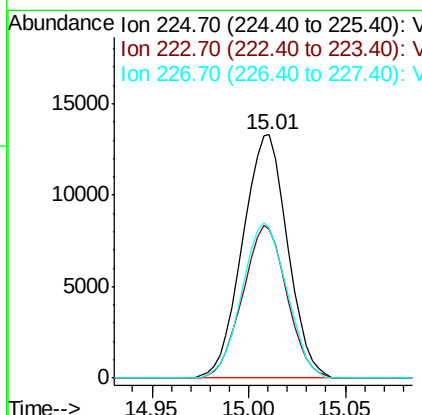
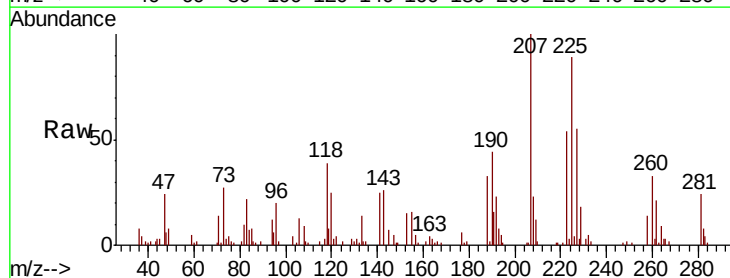
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

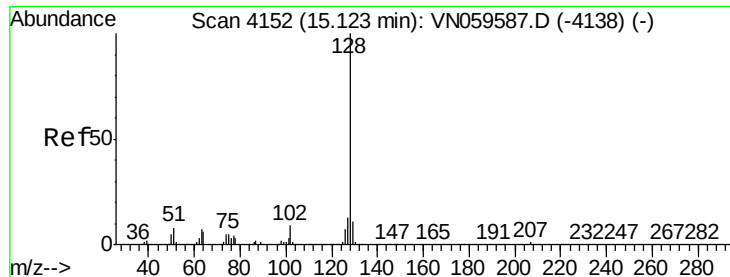
Tgt Ion:180 Resp: 37323
 Ion Ratio Lower Upper
 180 100
 182 92.0 46.9 140.7
 145 31.3 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 11.725 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059599.D
 Acq: 16 Dec 2019 13:38

Tgt Ion:225 Resp: 21621
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.8 95.3
 227 63.5 32.1 96.5

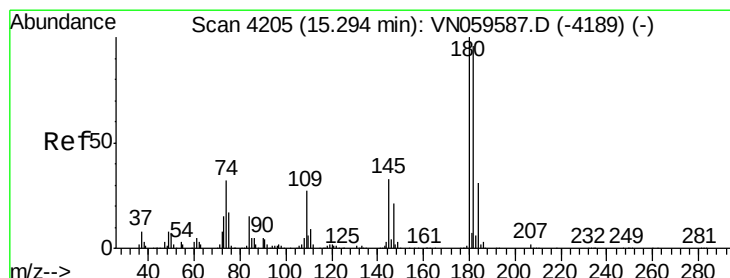
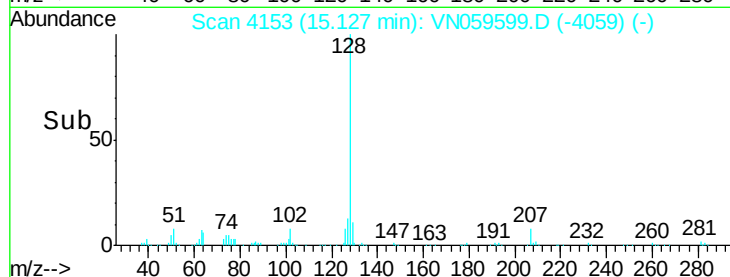
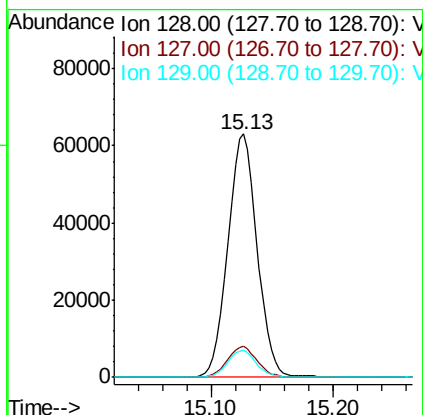
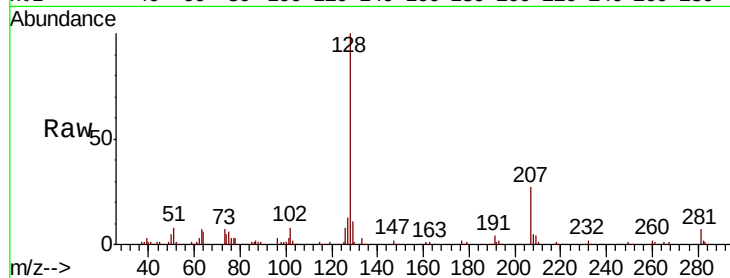




#95
Naphthalene
Concen: 9.360 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion:128 Resp: 105863
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 9.738 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059599.D
Acq: 16 Dec 2019 13:38

Tgt Ion:180 Resp: 37316
Ion Ratio Lower Upper
180 100
182 92.0 47.4 142.3
145 33.3 16.3 48.9

