

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
 Data File : VN058009.D
 Acq On : 13 Sep 2019 11:40
 Operator : JC/SP
 Sample : VN0914WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Quant Time: Sep 14 01:15:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	73458	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	437721	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	386609	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	199332	30.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.27%
60) 4-Bromofluorobenzene	12.40	95	195825	29.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.67%
63) Toluene-d8	10.09	98	555395	29.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.77%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	90313	20.349 ug/l	95
3) Chloromethane	2.04	50	103631	18.726 ug/l	100
4) Vinyl Chloride	2.17	62	101381	17.905 ug/l	97
5) Bromomethane	2.55	94	57467	16.263 ug/l	92
6) Chloroethane	2.69	64	64041	18.199 ug/l	90
7) Trichlorofluoromethane	3.00	101	120434	18.411 ug/l	99
8) Diethyl Ether	3.39	74	53955	20.446 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	82609	20.224 ug/l	98
10) 1,1-Dichloroethene	3.72	96	75314	19.390 ug/l	97
11) Methyl Iodide	3.93	142	87186	16.777 ug/l	98
12) Methyl Acetate	4.30	43	112228	21.054 ug/l	95
13) Acrolein	3.59	56	335	1.158 ug/l #	1
14) Acrylonitrile	4.96	53	229789	105.747 ug/l #	92
15) Acetone	3.79	58	61498	99.686 ug/l	98
16) Carbon Disulfide	4.03	76	151385	16.737 ug/l	100
17) Allyl chloride	4.30	41	140852	19.790 ug/l	91
18) Methylene Chloride	4.53	84	98653	20.155 ug/l	96
19) trans-1,2-Dichloroethene	5.01	96	85496	19.749 ug/l	97
20) Diisopropyl ether	5.93	45	329909	19.827 ug/l	99
21) 1,1-Dichloroethane	5.83	63	187838	20.473 ug/l	100
22) cis-1,2-Dichloroethene	6.81	96	107687	20.302 ug/l	99
23) tert-Butyl Alcohol	4.76	59	73968	104.268 ug/l #	100
24) Methyl tert-Butyl Ether	5.02	73	298089	20.022 ug/l #	100
25) Chloroform	7.36	83	189954	20.336 ug/l	99
26) Cyclohexane	7.64	56	150819	19.564 ug/l #	98
29) 1,1-Dichloropropene	7.78	75	133482	19.385 ug/l	99
30) 2-Butanone	6.81	43	322475	103.862 ug/l	99
31) 2,2-Dichloropropane	6.81	77	140974	19.391 ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	153172	19.784 ug/l	99
33) Carbon Tetrachloride	7.76	117	119885	18.982 ug/l	95
34) Benzene	8.03	78	409418	20.066 ug/l	99
35) Methacrylonitrile	7.19	41	198207	68.827 ug/l #	56
36) 1,2-Dichloroethane	8.11	62	161078	20.344 ug/l	99
37) Trichloroethene	8.83	130	98034	19.783 ug/l	96
38) Methylcyclohexane	9.07	83	150101	19.143 ug/l	98
39) 1,2-Dichloropropane	9.11	63	116749	20.375 ug/l	97
40) Dibromomethane	9.20	93	72646	20.845 ug/l	98

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 VN0914WBS01

Quant Time: Sep 14 01:15:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	135621	19.302	ug/l	99
42) Vinyl Acetate	5.87	43	1304399	104.530	ug/l	100
43) Ethyl Acetate	6.91	43	135746	21.429	ug/l #	85
44) Isopropyl Acetate	8.15	43	235825	21.352	ug/l #	93
45) 1,4-Dioxane	9.19	88	35254	406.204	ug/l	97
46) Methyl methacrylate	9.19	41	110848	20.546	ug/l	97
47) n-amyl Acetate	12.07	43	186110	18.343	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	135985	18.180	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	155550	18.534	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	101939	20.165	ug/l	99
51) Ethyl methacrylate	10.43	69	147428	18.809	ug/l	97
52) 1,3-Dichloropropane	10.71	76	179266	20.278	ug/l	99
53) Dibromochloromethane	10.90	129	87603	17.547	ug/l	100
54) 1,2-Dibromoethane	11.00	107	97179	19.321	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	335650	90.119	ug/l	99
56) Bromoform	12.13	173	50813	16.430	ug/l	98
58) 4-Methyl-2-Pentanone	9.98	43	672457	112.161	ug/l	100
59) 2-Hexanone	10.75	43	474115	105.379	ug/l	100
61) Tetrachloroethene	10.63	164	80380	20.449	ug/l	98
62) Toluene	10.15	91	440154	20.561	ug/l	98
64) Chlorobenzene	11.43	112	264906	19.948	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	89186	19.343	ug/l	99
66) Ethyl Benzene	11.51	91	482262	20.642	ug/l	100
67) m/p-Xylenes	11.62	106	352053	39.480	ug/l	98
68) o-Xylene	11.95	106	174622	19.989	ug/l	96
69) Styrene	11.97	104	287356	19.293	ug/l	99
70) Isopropylbenzene	12.25	105	469650	20.335	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	149468	20.708	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	172416	26.913	ug/l	73
73) Bromobenzene	12.53	156	108162	19.562	ug/l	98
74) n-propylbenzene	12.60	91	554449	21.012	ug/l	99
75) 2-Chlorotoluene	12.68	91	322513	19.623	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	397037	20.188	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	28520	15.006	ug/l	98
78) 4-Chlorotoluene	12.78	91	329425	19.650	ug/l	98
79) tert-butylbenzene	13.00	119	339406	19.782	ug/l	99
80) 1,2,4-Trimethylbenzene	13.05	105	396809	20.250	ug/l	100
81) sec-Butylbenzene	13.18	105	461499	20.273	ug/l	100
82) p-Isopropyltoluene	13.29	119	398968	19.570	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	195973	19.068	ug/l	98
84) 1,4-Dichlorobenzene	13.37	146	193224	19.096	ug/l	98
85) n-Butylbenzene	13.62	91	359187	18.905	ug/l	98
86) Hexachloroethane	13.88	117	54293	16.720	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	196646	19.711	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.28	75	23875	18.786	ug/l	97
89) 1,2,4-Trichlorobenzene	14.92	180	110631	18.153	ug/l	99
90) Hexachlorobutadiene	15.02	225	51748	18.489	ug/l	97
91) Naphthalene	15.13	128	311148	18.556	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	109484	18.838	ug/l	98

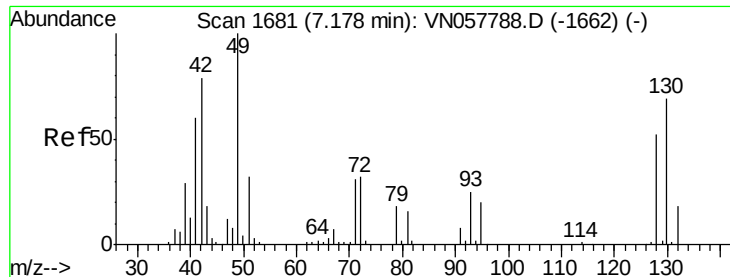
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
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QLast Update : Mon Sep 09 12:14:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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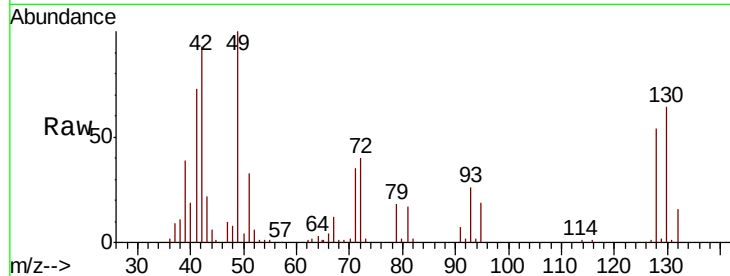
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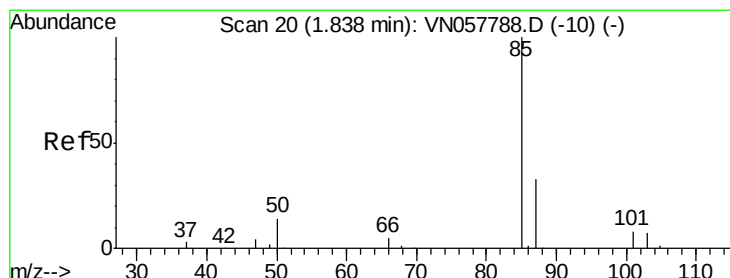
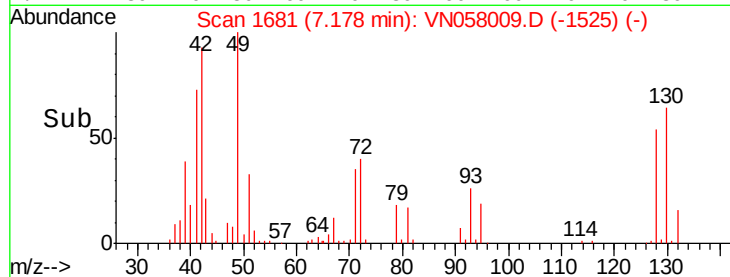
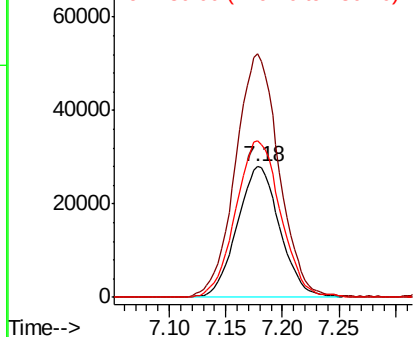
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 128 Resp: 73458
Ion Ratio Lower Upper
128 100
49 189.9 0.0 486.5
130 126.0 0.0 324.5

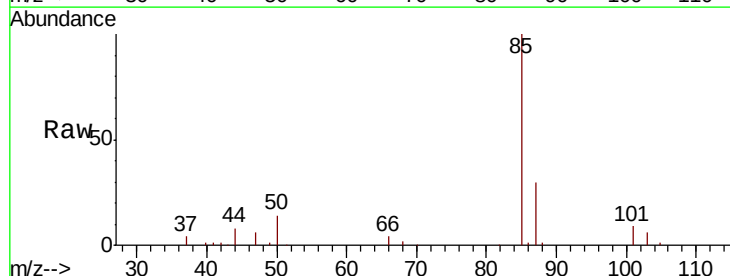


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

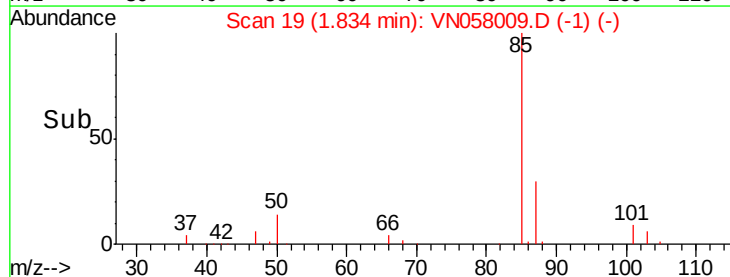
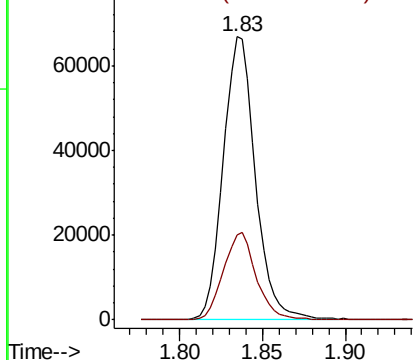


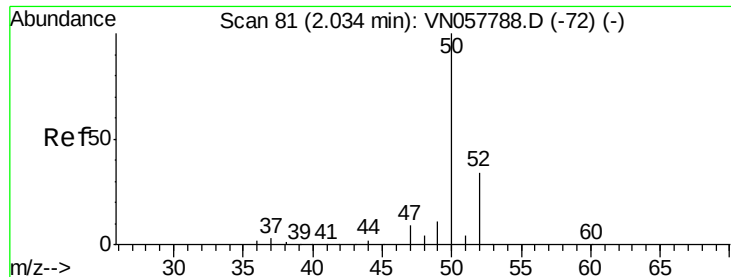
#2
Dichlorodifluoromethane
Concen: 20.349 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 85 Resp: 90313
Ion Ratio Lower Upper
85 100
87 30.2 16.4 49.4



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 18.726 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

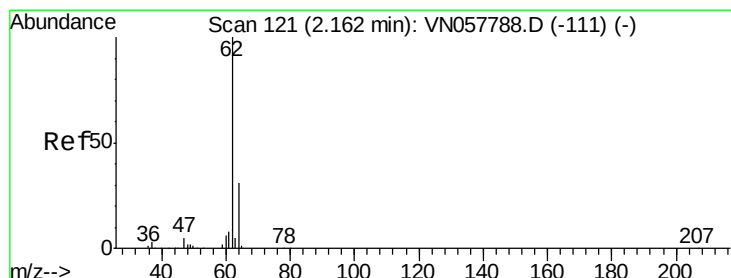
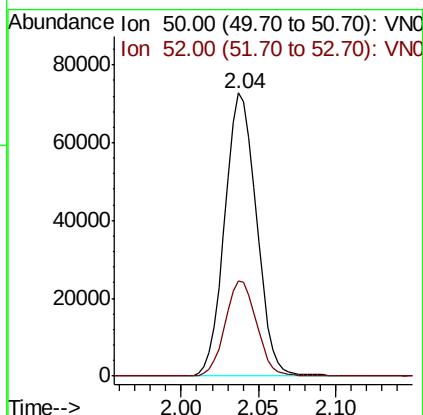
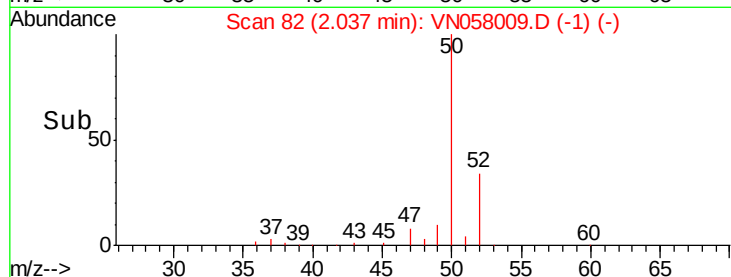
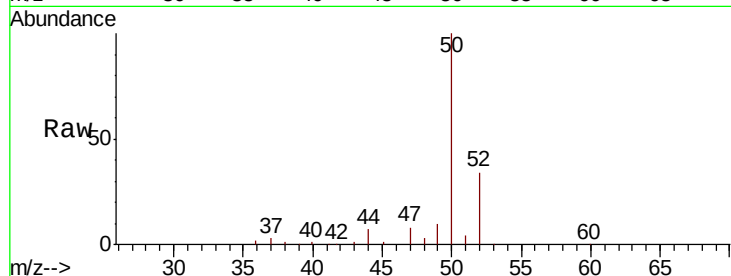
VN0914WBS01

Tgt Ion: 50 Resp: 103631

Ion Ratio Lower Upper

50 100

52 33.8 26.9 40.3



#4

Vinyl Chloride

Concen: 17.905 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN058009.D

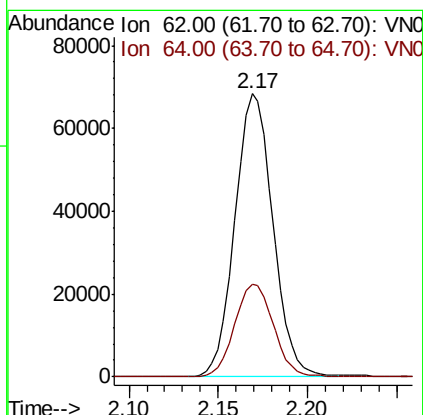
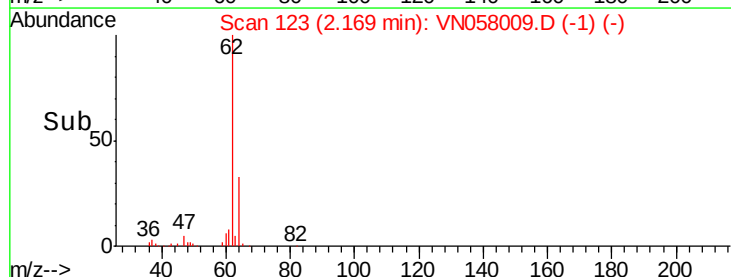
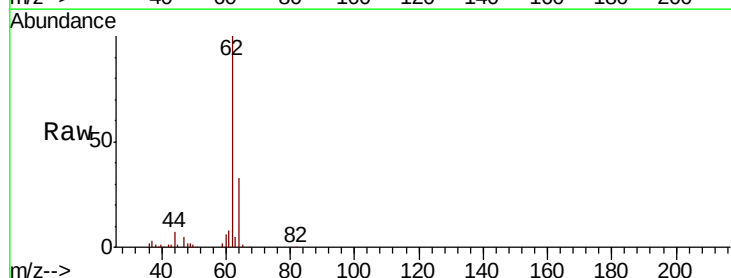
Acq: 13 Sep 2019 11:40

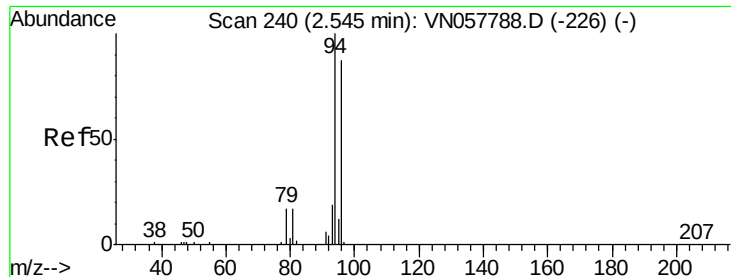
Tgt Ion: 62 Resp: 101381

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.6





#5

Bromomethane

Concen: 16.263 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

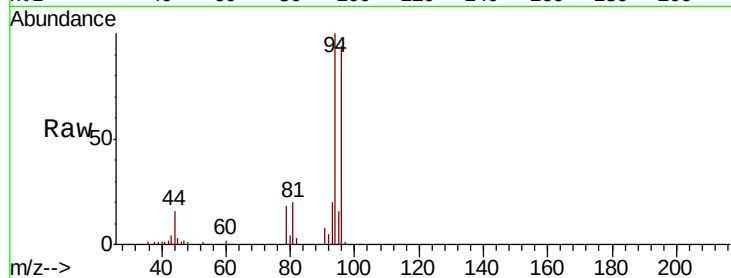
VN0914WBS01

Tgt Ion: 94 Resp: 57467

Ion Ratio Lower Upper

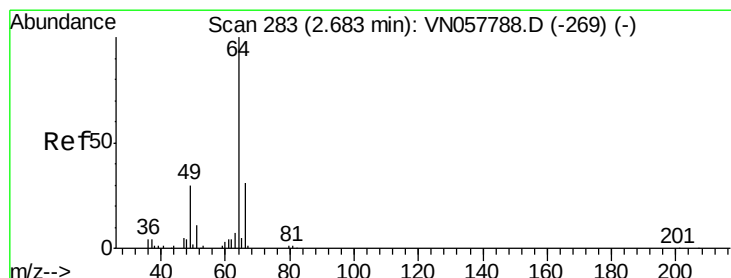
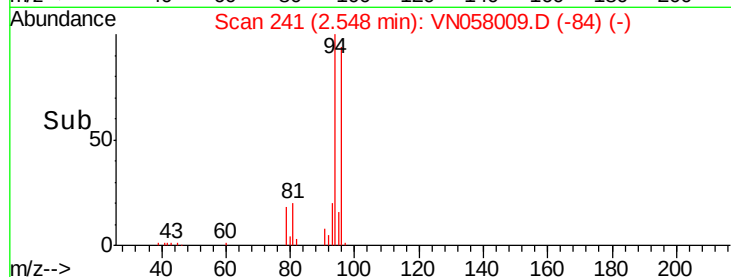
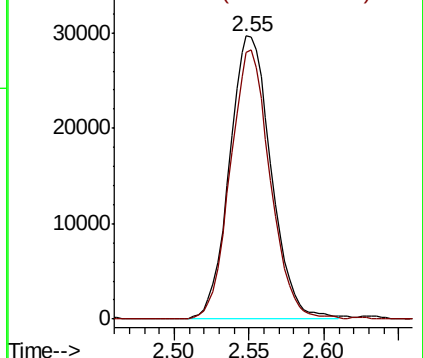
94 100

96 94.1 69.2 103.8



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.199 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058009.D

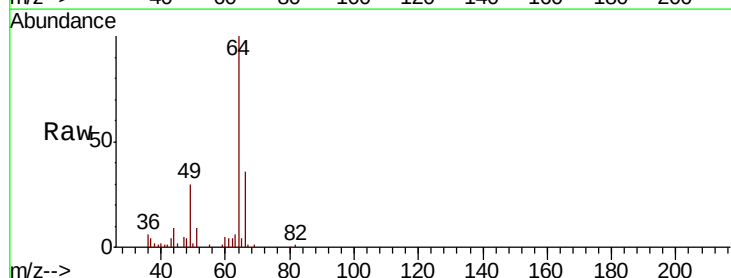
Acq: 13 Sep 2019 11:40

Tgt Ion: 64 Resp: 64041

Ion Ratio Lower Upper

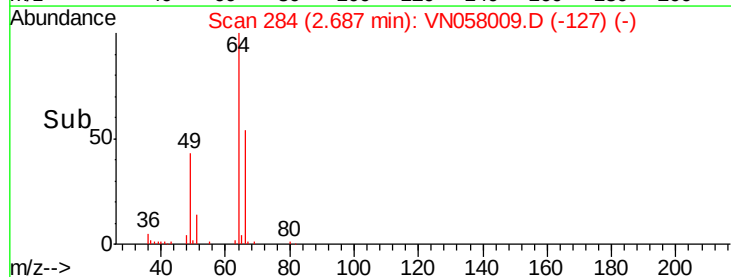
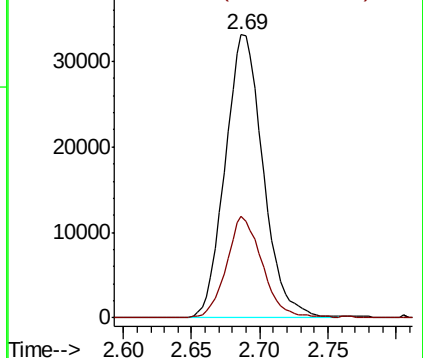
64 100

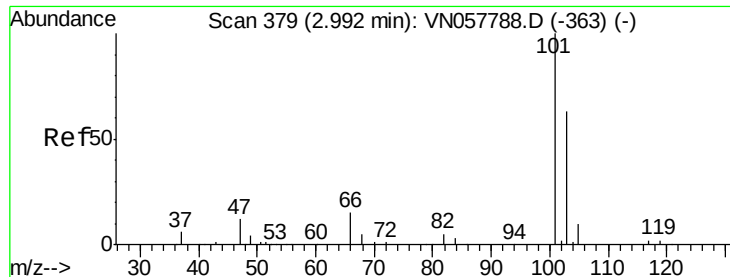
66 35.7 24.4 36.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



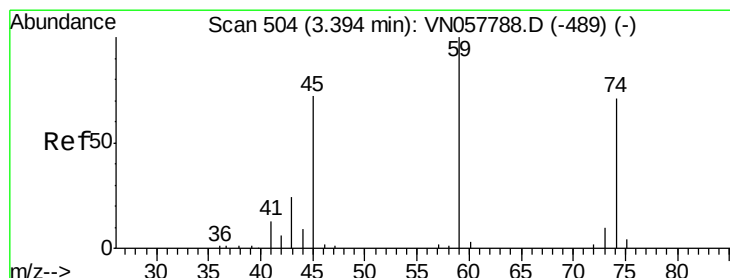
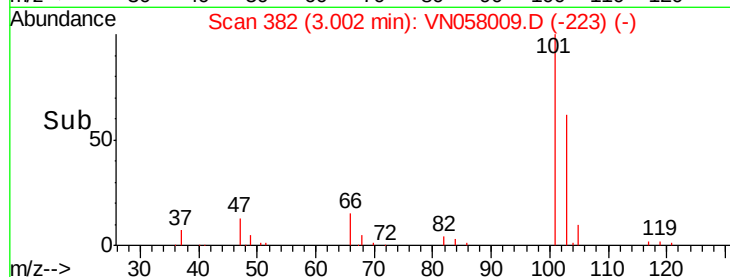
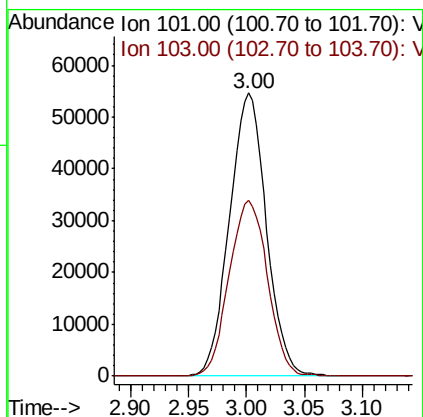
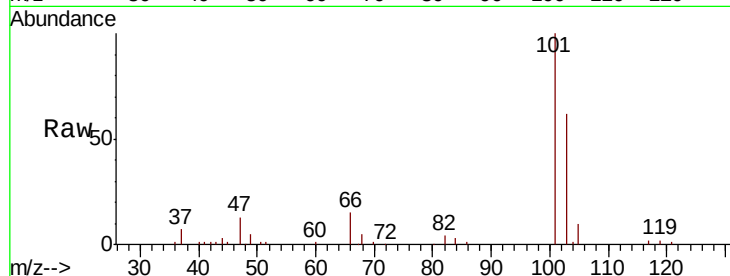


#7

Trichlorofluoromethane
Concen: 18.411 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.01 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

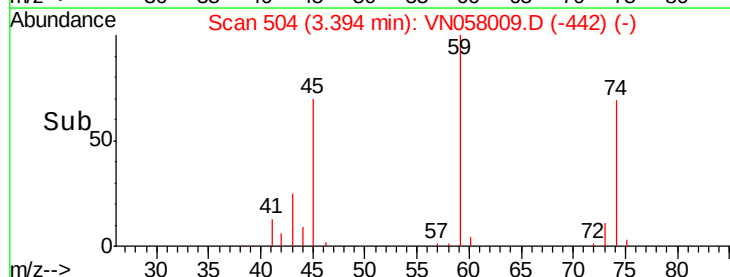
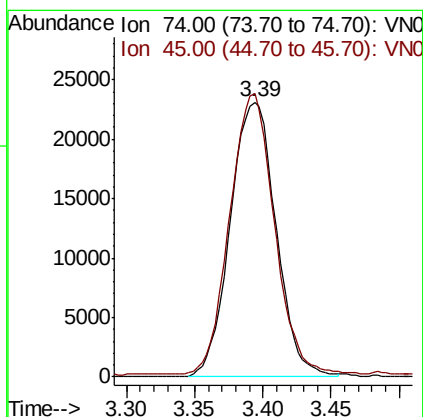
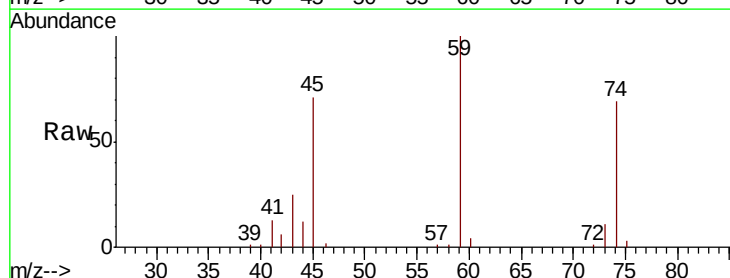
Tgt Ion: 101 Resp: 120434
Ion Ratio Lower Upper
101 100
103 62.0 50.2 75.2

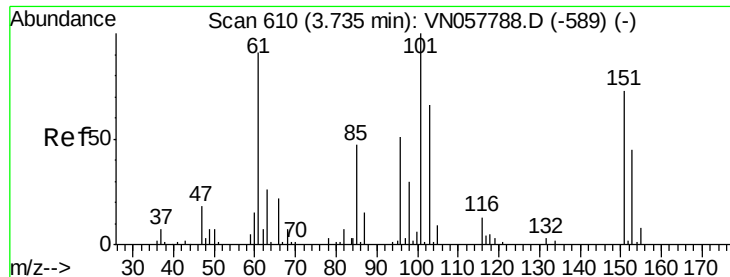


#8

Diethyl Ether
Concen: 20.446 ug/l
RT: 3.39 min Scan# 504
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 74 Resp: 53955
Ion Ratio Lower Upper
74 100
45 98.9 20.3 182.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.224 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.01 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

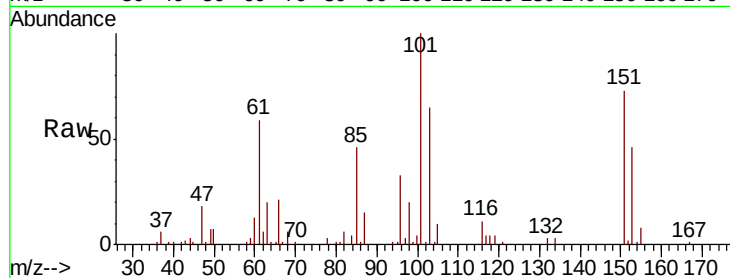
Tgt Ion:101 Resp: 82609

Ion Ratio Lower Upper

101 100

85 46.7 0.0 94.0

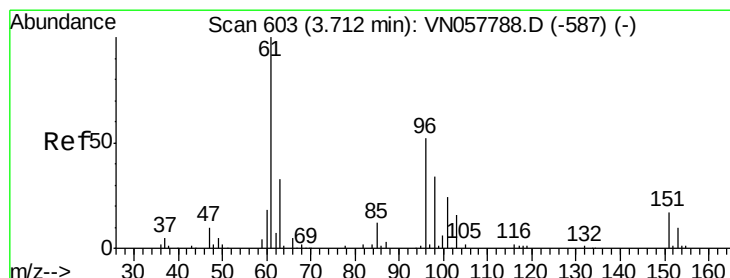
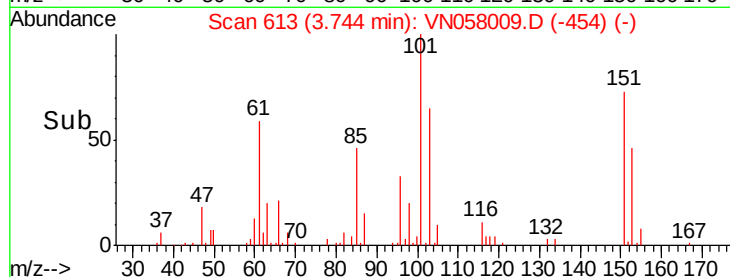
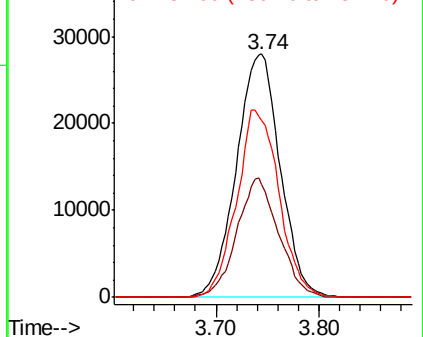
151 74.5 0.0 144.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.390 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.01 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

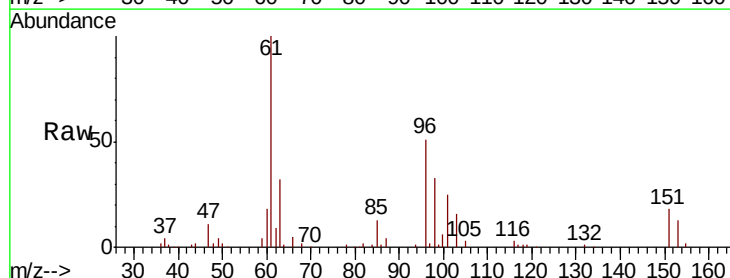
Tgt Ion: 96 Resp: 75314

Ion Ratio Lower Upper

96 100

61 196.7 153.4 230.0

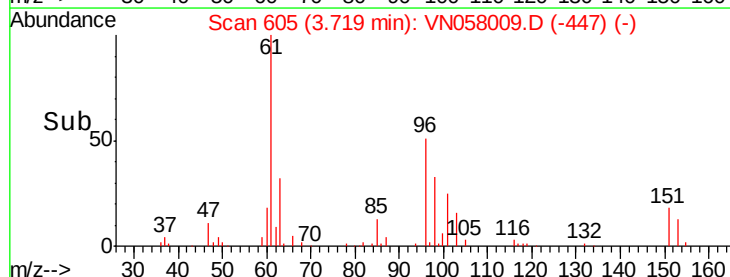
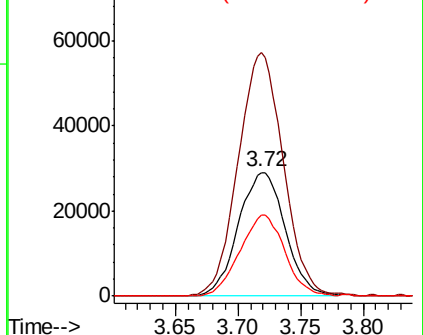
98 65.6 51.5 77.3

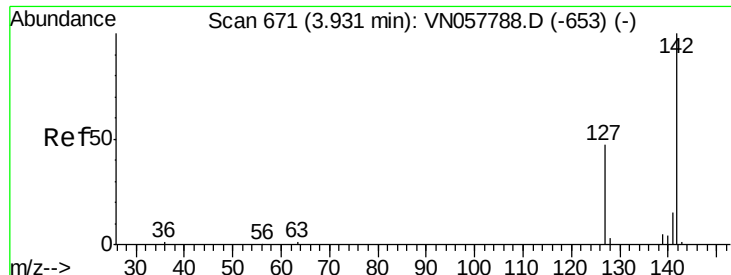


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

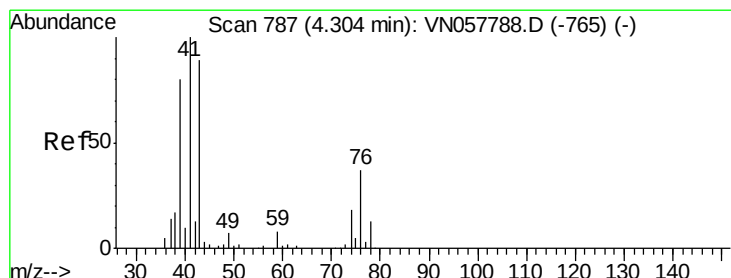
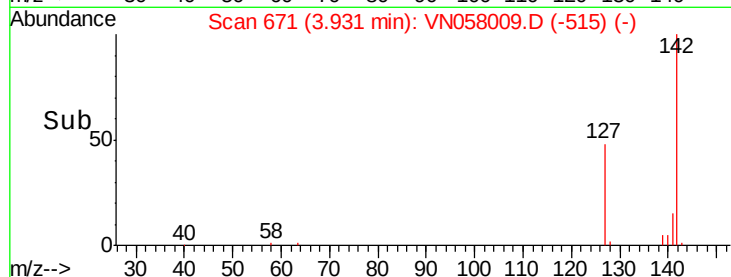
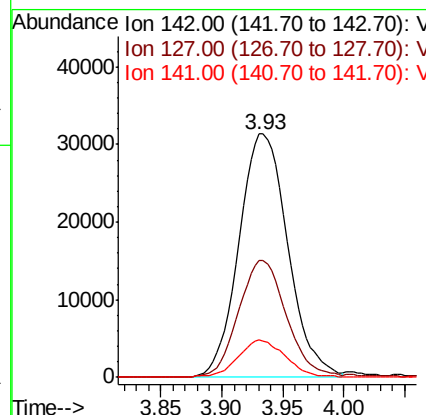
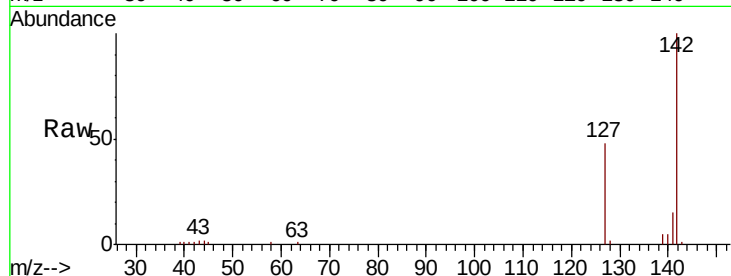




#11
Methyl Iodide
Concen: 16.777 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

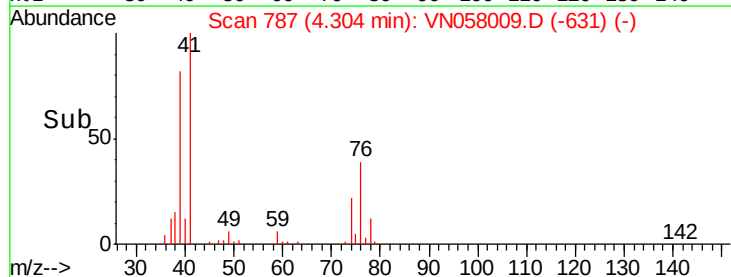
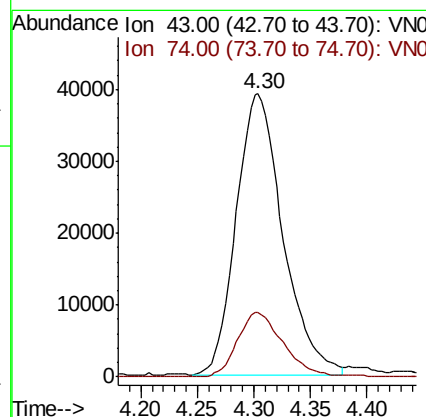
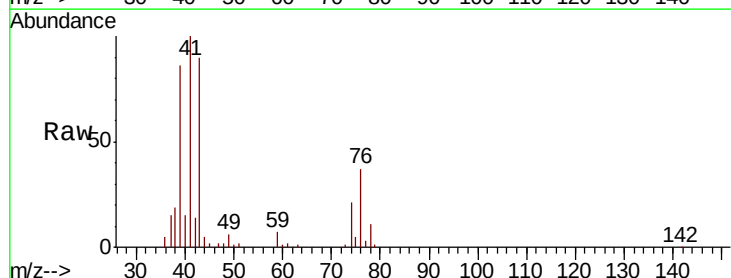
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

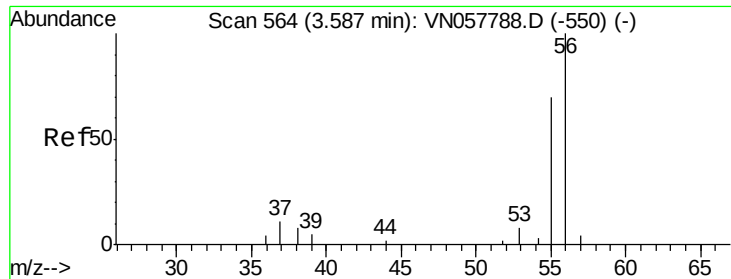
Tgt Ion:142 Resp: 87186
Ion Ratio Lower Upper
142 100
127 47.9 23.3 69.8
141 15.4 7.5 22.6



#12
Methyl Acetate
Concen: 21.054 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 43 Resp: 112228
Ion Ratio Lower Upper
43 100
74 22.8 16.2 24.4

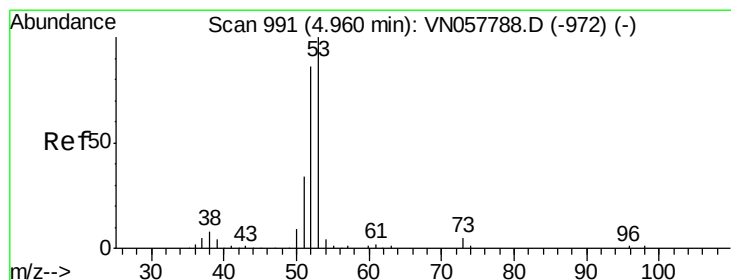
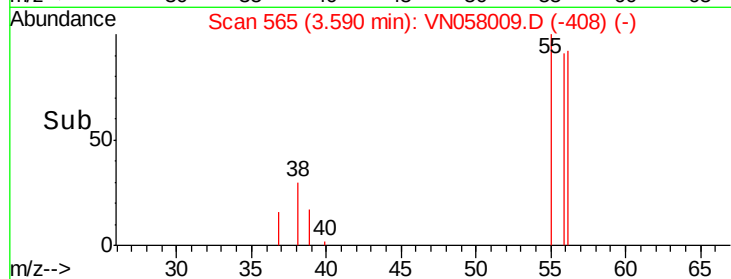
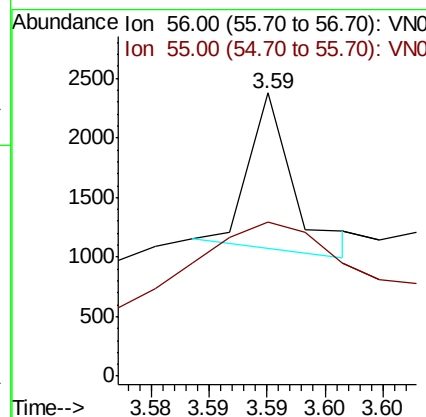
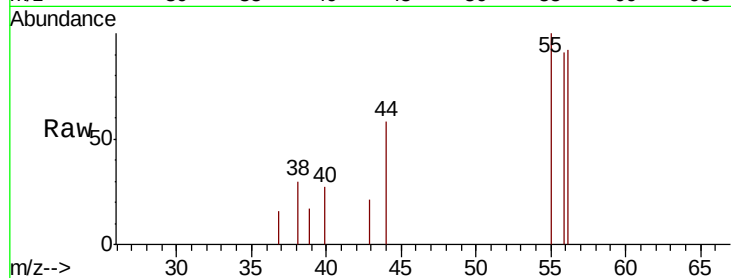




#13
Acrolein
Concen: 1.158 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

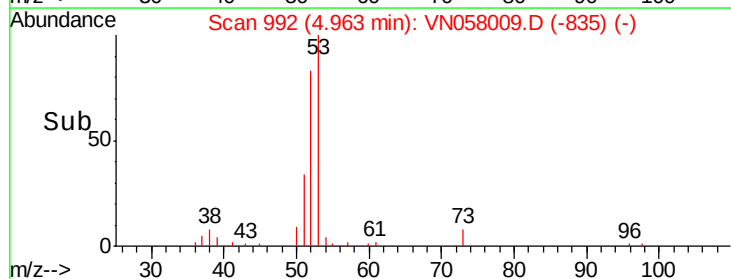
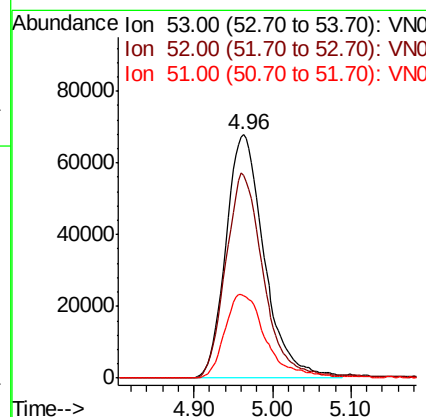
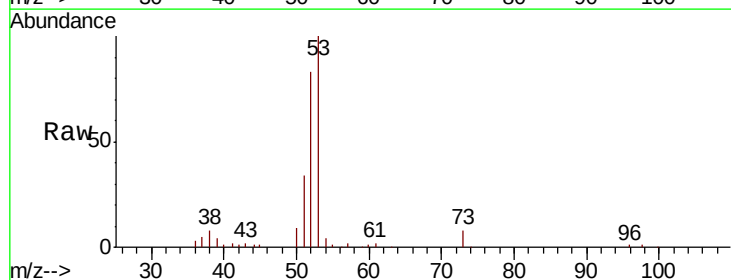
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

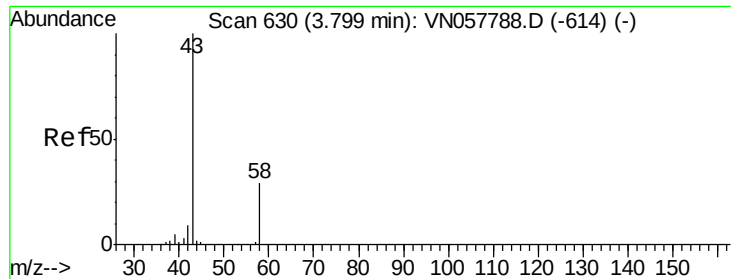
Tgt Ion: 56 Resp: 335
Ion Ratio Lower Upper
56 100
55 739.1 59.0 88.4#



#14
Acrylonitrile
Concen: 105.747 ug/l
RT: 4.96 min Scan# 992
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 53 Resp: 229789
Ion Ratio Lower Upper
53 100
52 81.8 41.0 123.0
51 36.8 8.6 25.8#





#15

Acetone

Concen: 99.686 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.01 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampled :

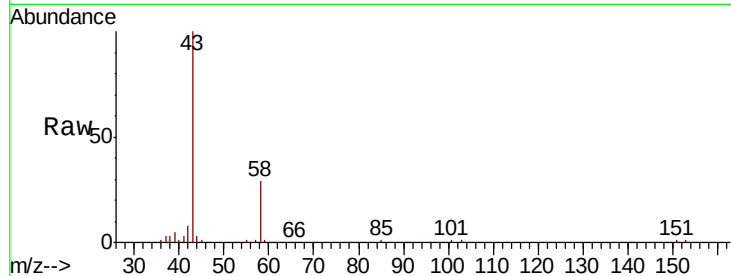
VN0914WBS01

Tgt Ion: 58 Resp: 61498

Ion Ratio Lower Upper

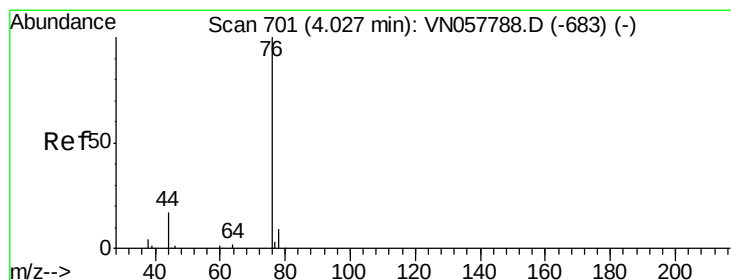
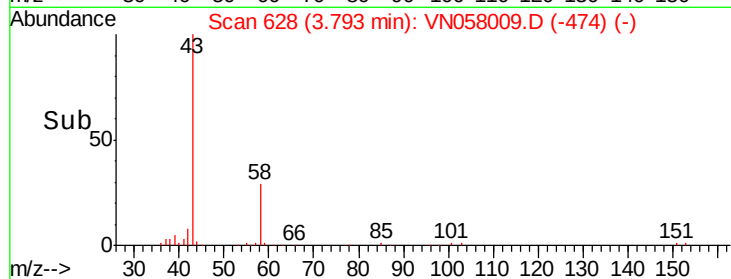
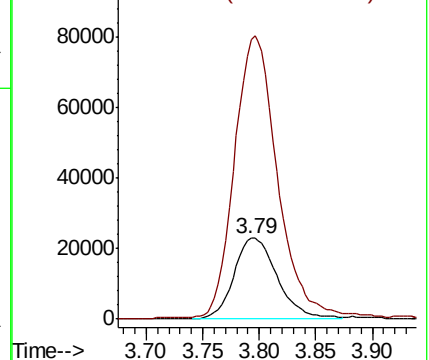
58 100

43 342.6 277.7 416.5



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 16.737 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN058009.D

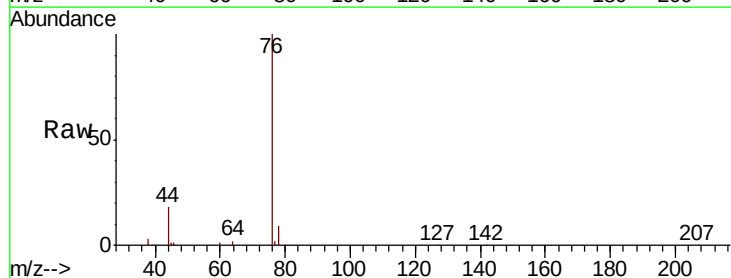
Acq: 13 Sep 2019 11:40

Tgt Ion: 76 Resp: 151385

Ion Ratio Lower Upper

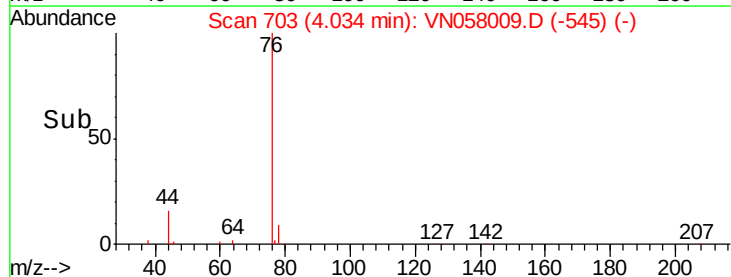
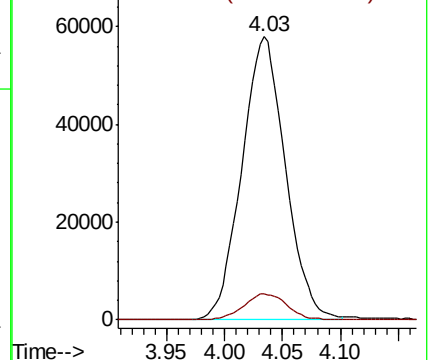
76 100

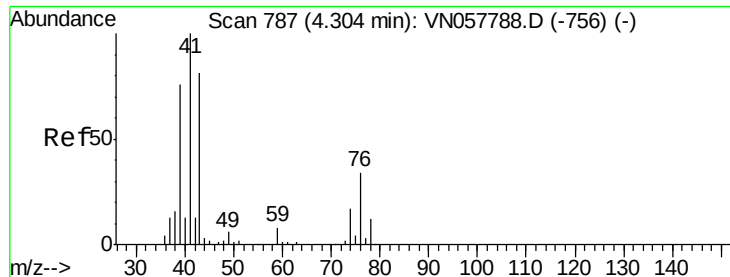
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

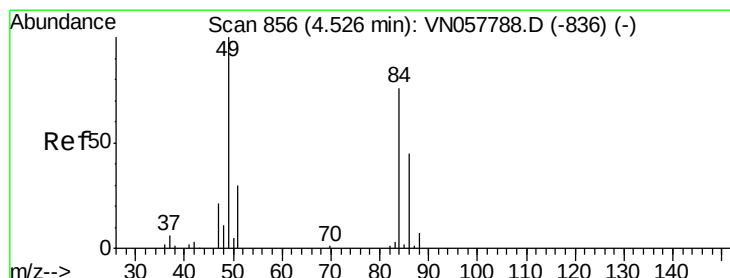
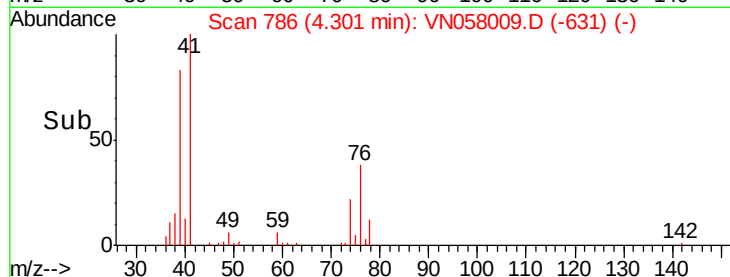
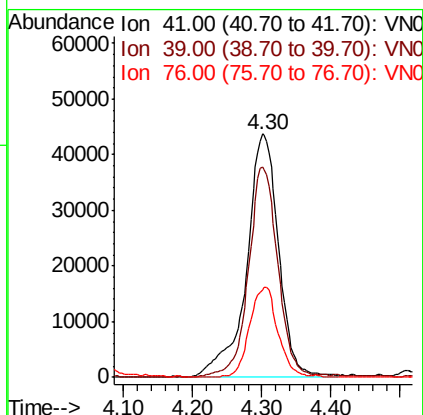
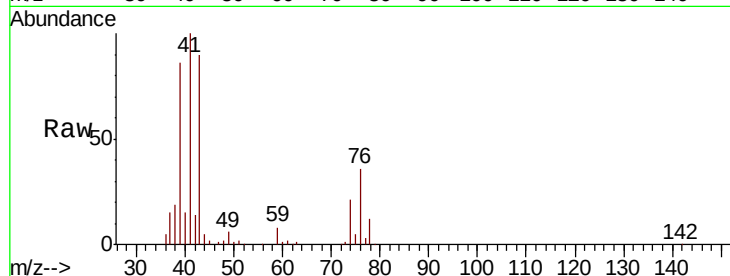




#17
 Allyl chloride
 Concen: 19.790 ug/l
 RT: 4.30 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

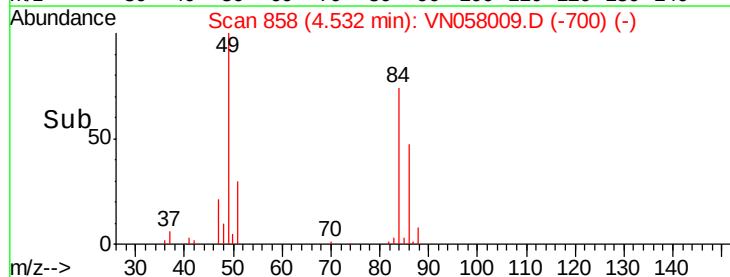
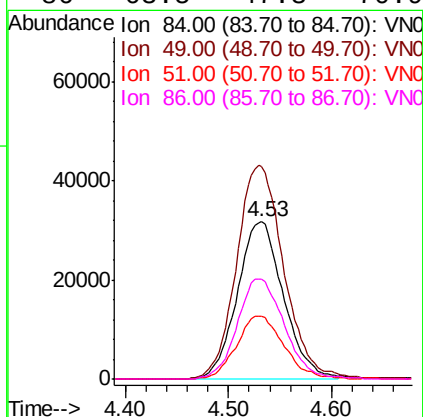
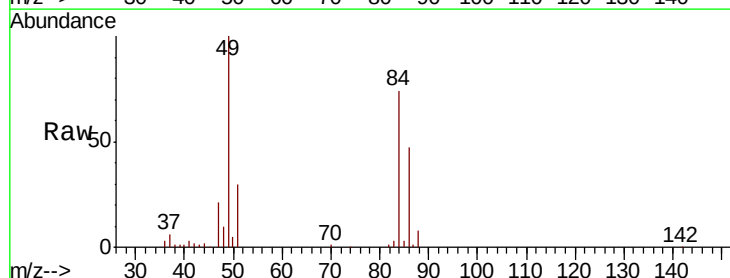
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

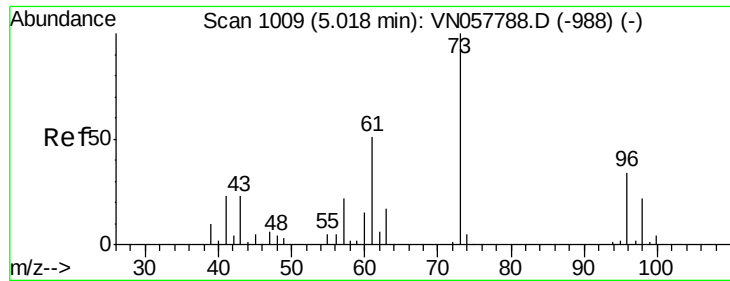
Tgt Ion: 41 Resp: 140852
 Ion Ratio Lower Upper
 41 100
 39 86.4 38.5 115.3
 76 36.1 17.2 51.6



#18
 Methylene Chloride
 Concen: 20.155 ug/l
 RT: 4.53 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 84 Resp: 98653
 Ion Ratio Lower Upper
 84 100
 49 135.5 105.4 158.2
 51 40.1 31.3 46.9
 86 63.5 47.3 70.9

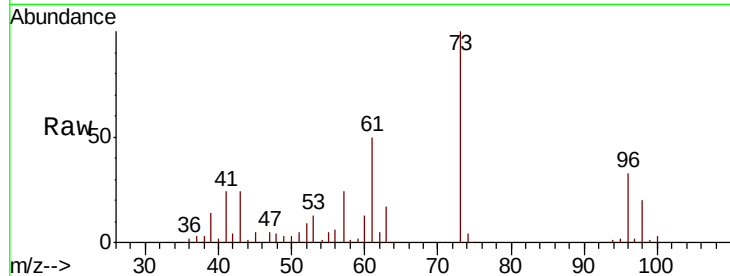




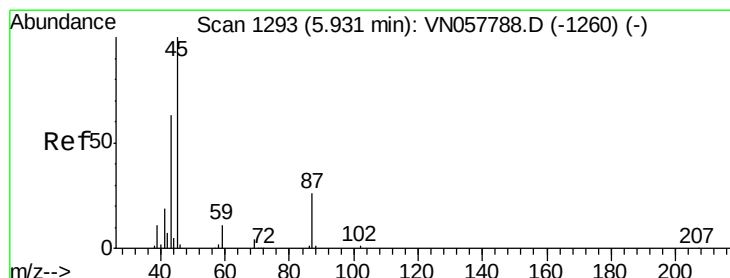
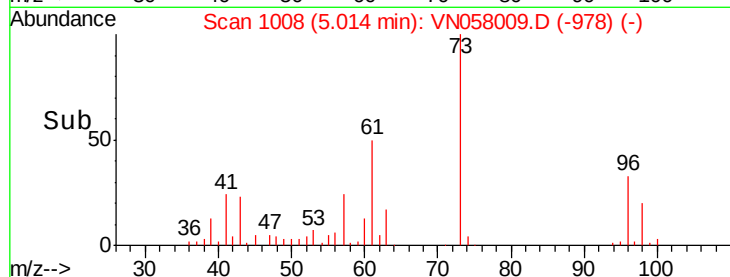
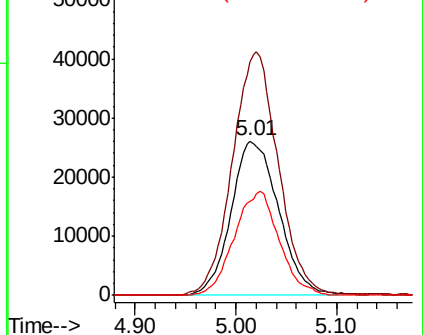
#19
trans-1,2-Dichloroethene
Concen: 19.749 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 96 Resp: 85496
Ion Ratio Lower Upper
96 100
61 149.5 121.0 181.6
98 60.8 52.7 79.1

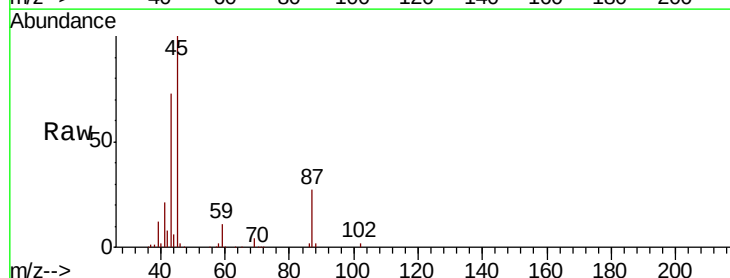


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

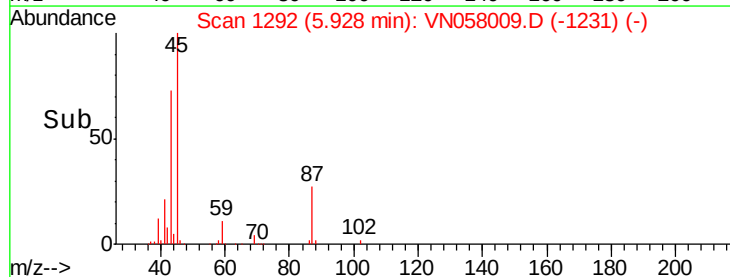
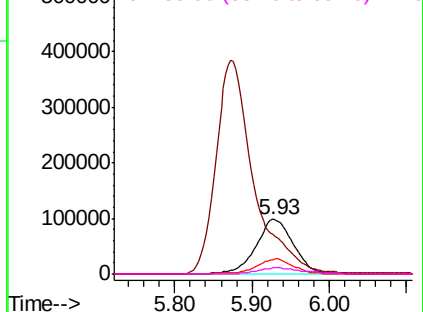


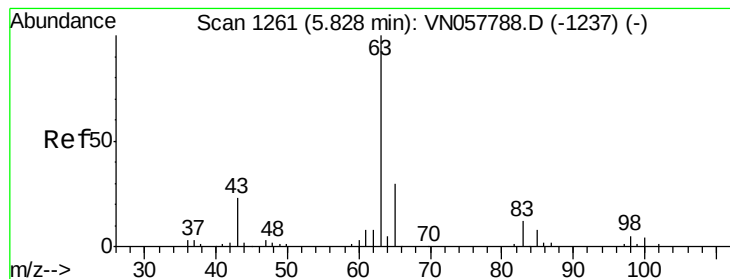
#20
Diisopropyl ether
Concen: 19.827 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 45 Resp: 329909
Ion Ratio Lower Upper
45 100
43 70.4 55.2 82.8
87 26.4 21.3 31.9
59 10.4 9.1 13.7



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





#21

1,1-Dichloroethane

Concen: 20.473 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

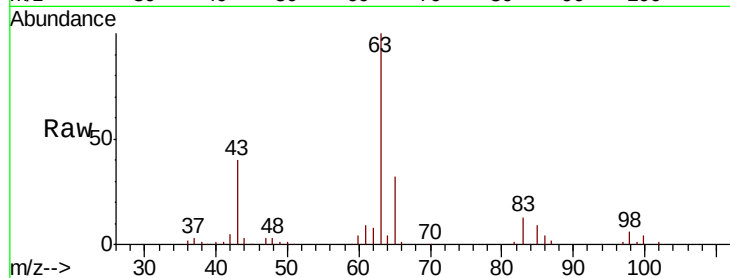
Tgt Ion: 63 Resp: 187838

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.3

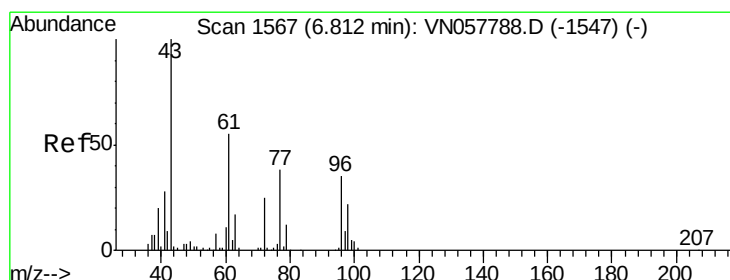
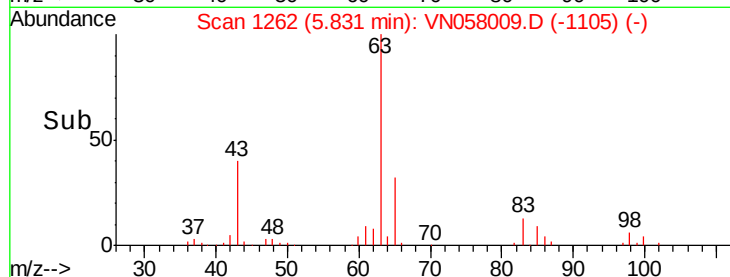
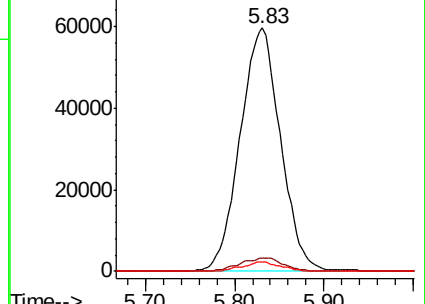
100 3.8 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN057788.D (-1237) (-)

Ion 98.00 (97.70 to 98.70): VN057788.D (-1237) (-)

Ion 100.00 (99.70 to 100.70): VN057788.D (-1237) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.302 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

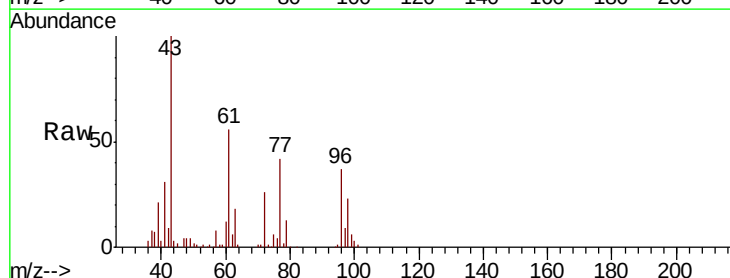
Tgt Ion: 96 Resp: 107687

Ion Ratio Lower Upper

96 100

61 156.9 127.4 191.0

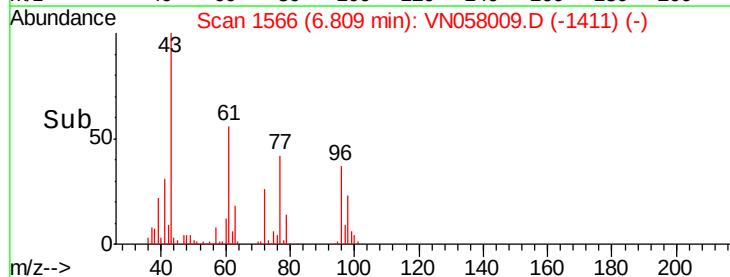
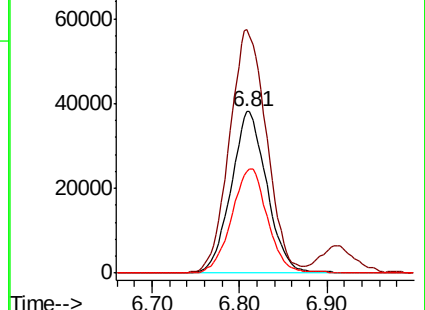
98 64.7 51.5 77.3

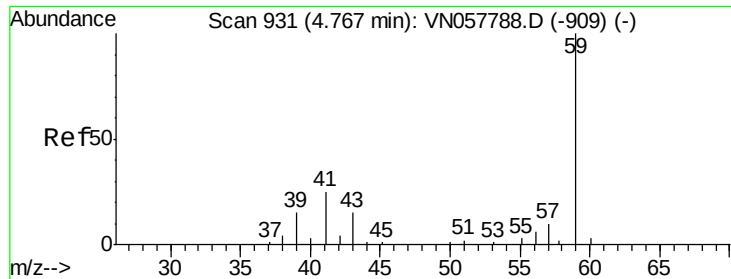


Abundance Ion 96.00 (95.70 to 96.70): VN057788.D (-1547) (-)

Ion 61.00 (60.70 to 61.70): VN057788.D (-1547) (-)

Ion 98.00 (97.70 to 98.70): VN057788.D (-1547) (-)





#23

tert-Butyl Alcohol

Concen: 104.268 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.01 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

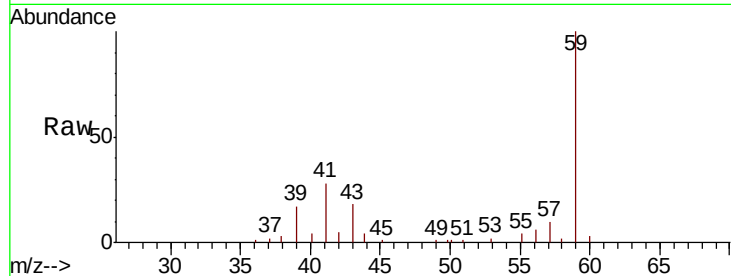
VN0914WBS01

Tgt Ion: 59 Resp: 73968

Ion Ratio Lower Upper

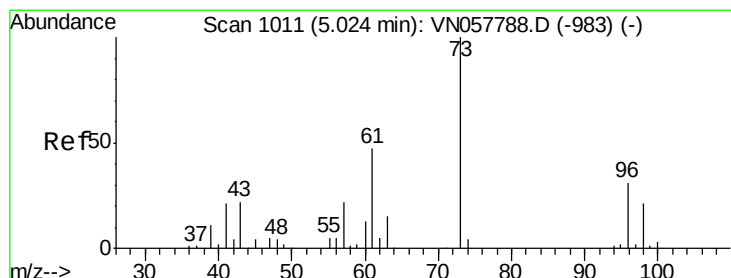
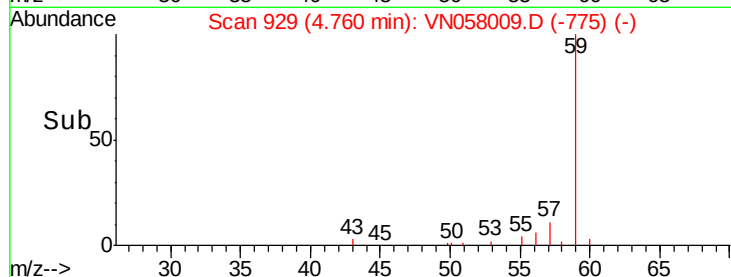
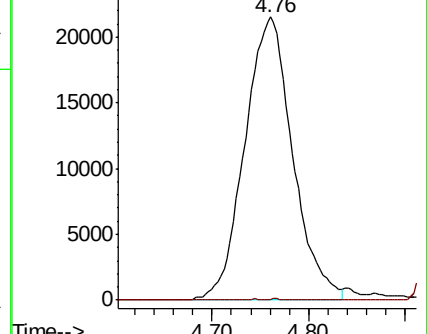
59 100

52 0.1 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 20.022 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN058009.D

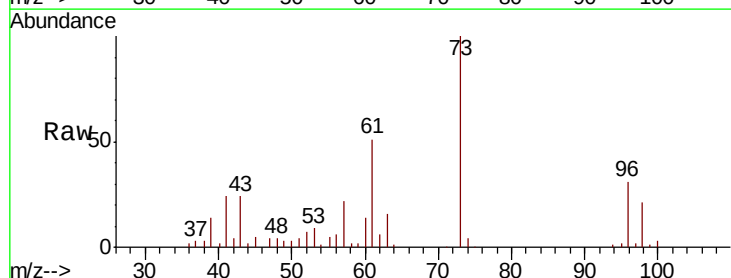
Acq: 13 Sep 2019 11:40

Tgt Ion: 73 Resp: 298089

Ion Ratio Lower Upper

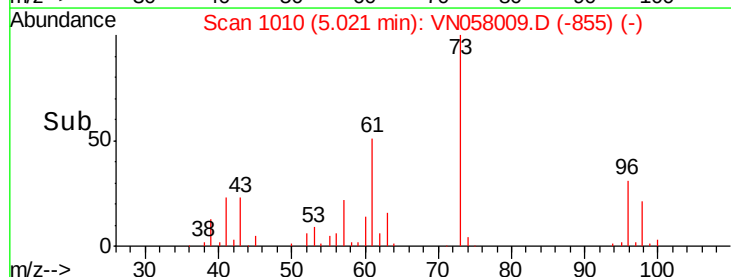
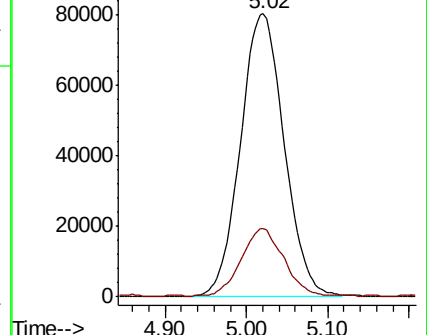
73 100

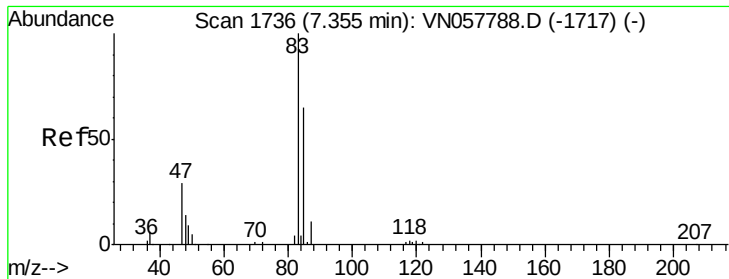
43 23.1 0.0 0.0#



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 20.336 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

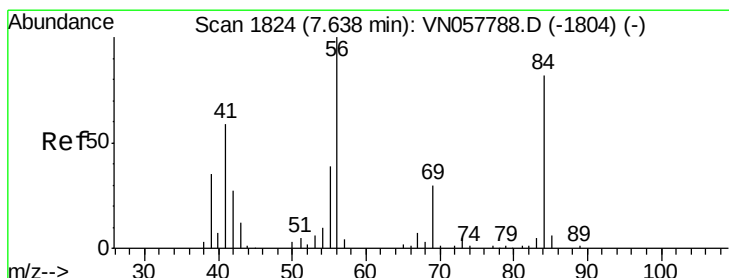
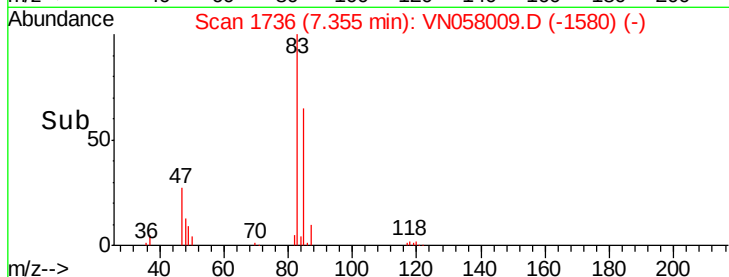
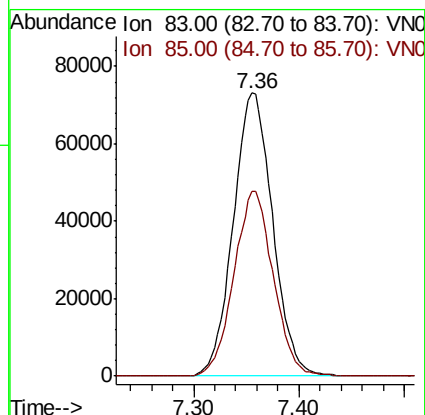
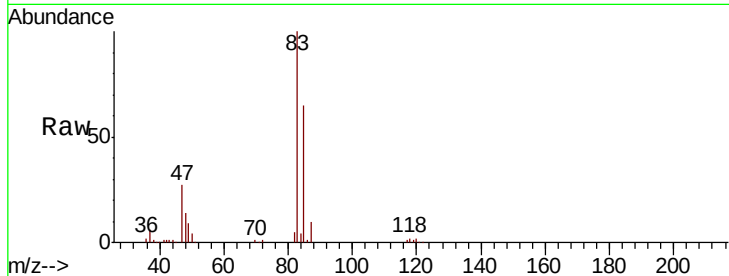
VN0914WBS01

Tgt Ion: 83 Resp: 189954

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6



#26

Cyclohexane

Concen: 19.564 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

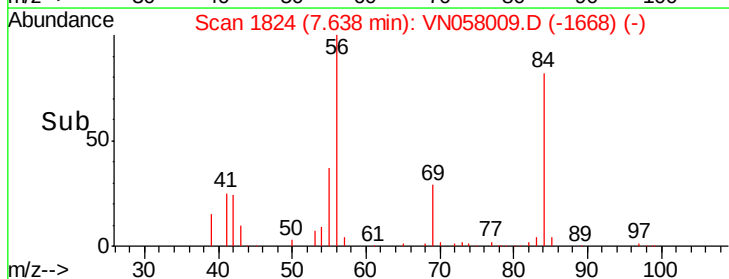
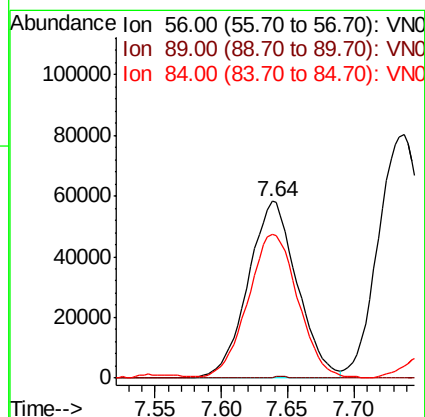
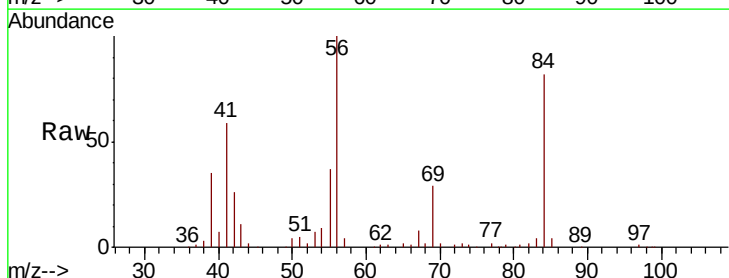
Tgt Ion: 56 Resp: 150819

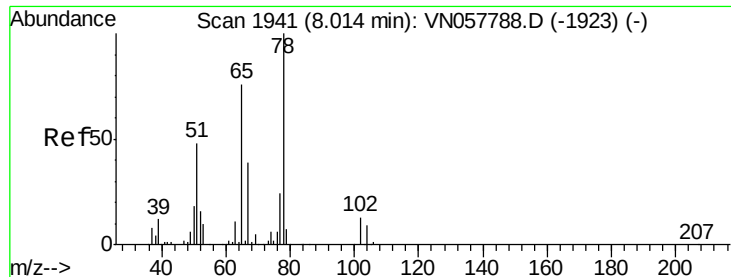
Ion Ratio Lower Upper

56 100

89 0.2 0.3 0.5#

84 81.7 66.6 100.0

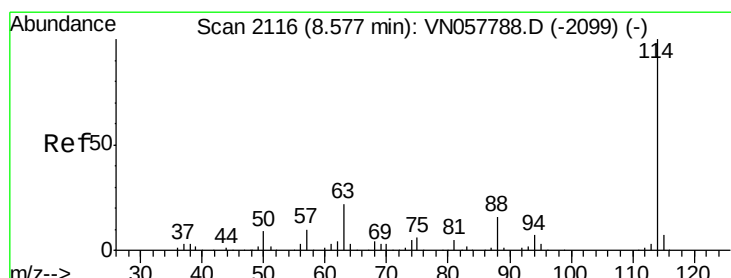
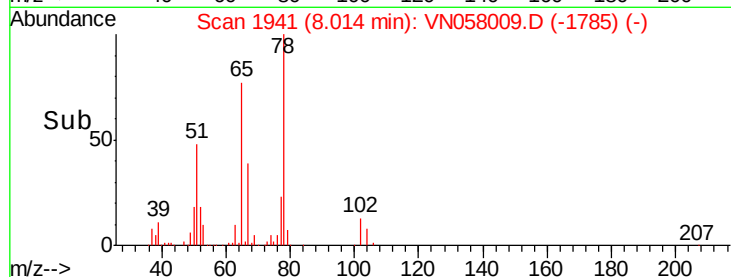
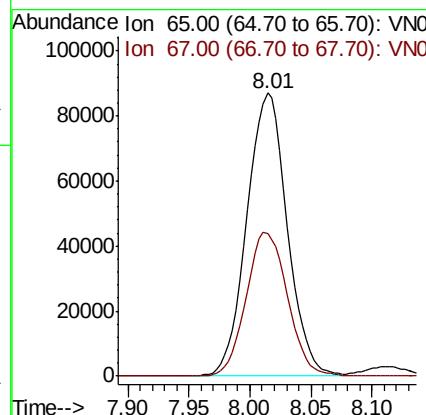
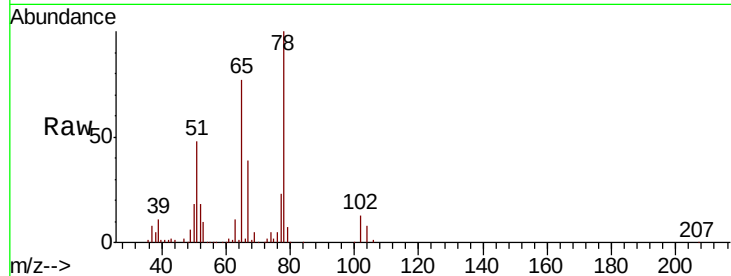




#27
 1,2-Dichloroethane-d4
 Concen: 30.677 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

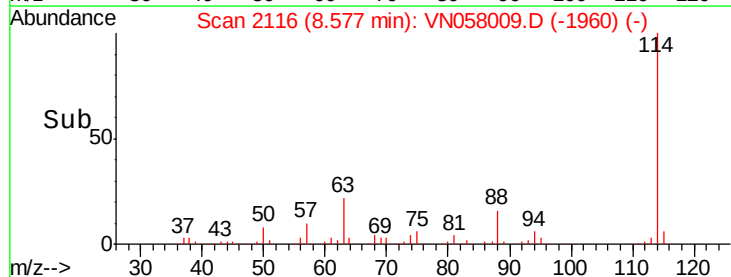
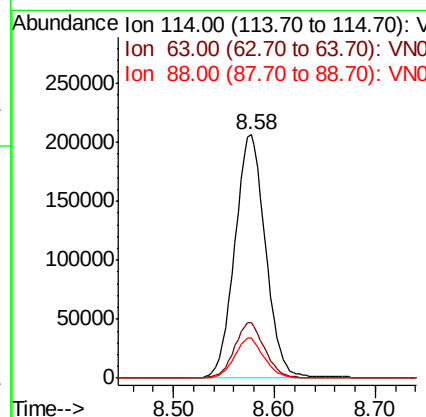
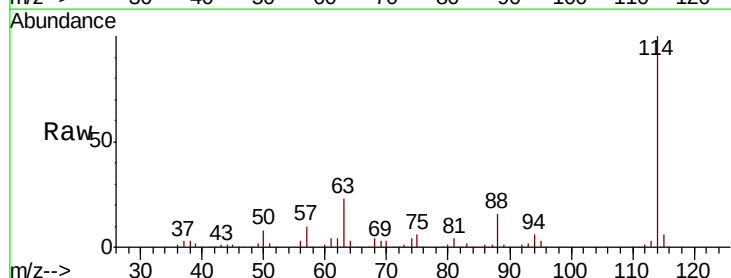
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

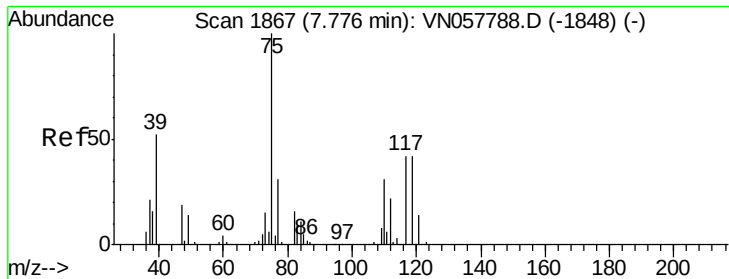
Tgt Ion: 65 Resp: 199332
 Ion Ratio Lower Upper
 65 100
 67 52.0 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 114 Resp: 437721
 Ion Ratio Lower Upper
 114 100
 63 22.3 18.0 27.0
 88 15.6 12.6 19.0

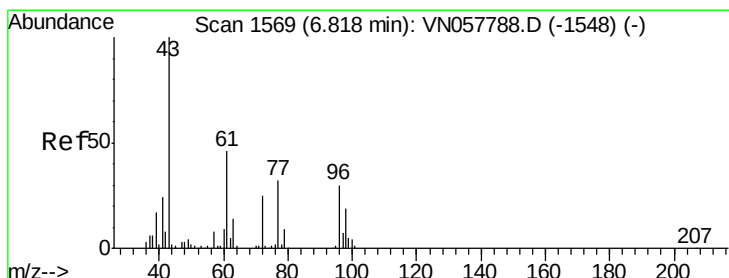
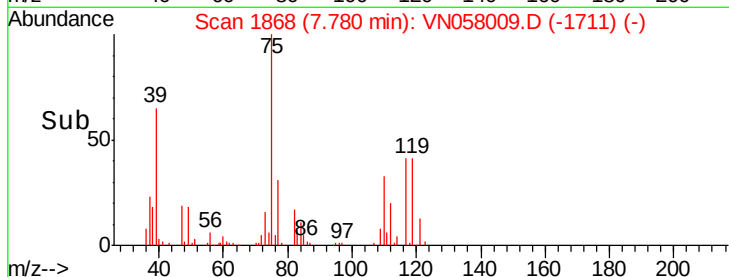
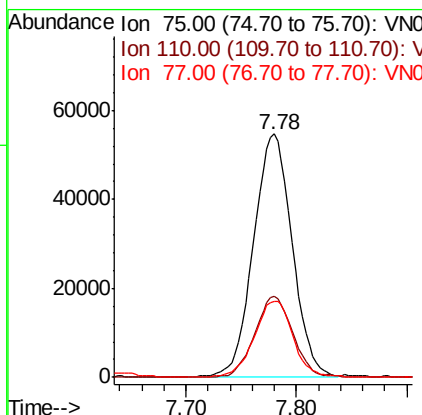
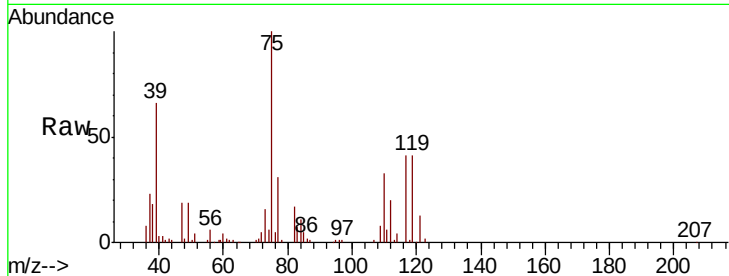




#29
 1,1-Dichloropropene
 Concen: 19.385 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

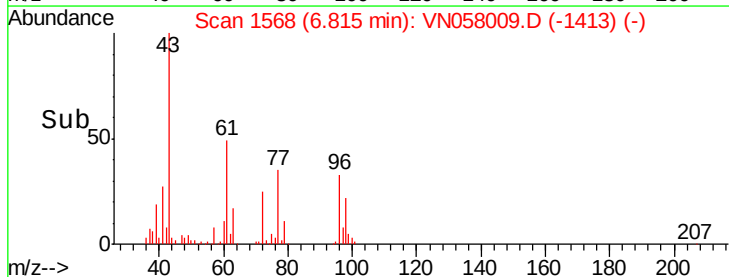
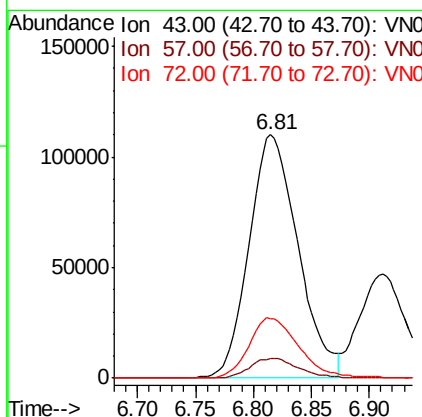
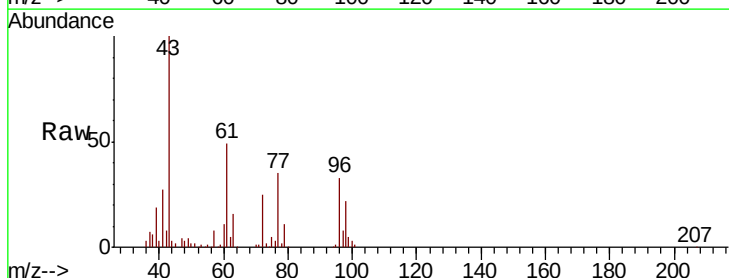
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

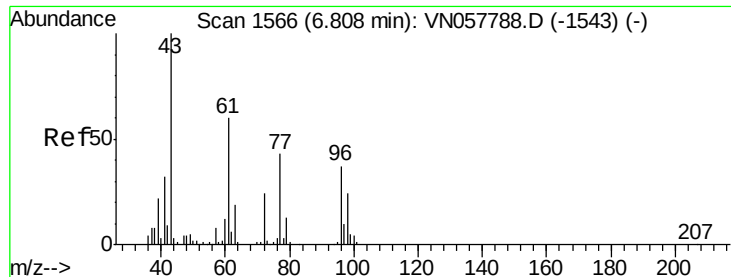
Tgt Ion: 75 Resp: 133482
 Ion Ratio Lower Upper
 75 100
 110 32.3 0.0 63.8
 77 31.2 0.0 60.0



#30
 2-Butanone
 Concen: 103.862 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 43 Resp: 322475
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.4 9.6
 72 25.0 20.3 30.5

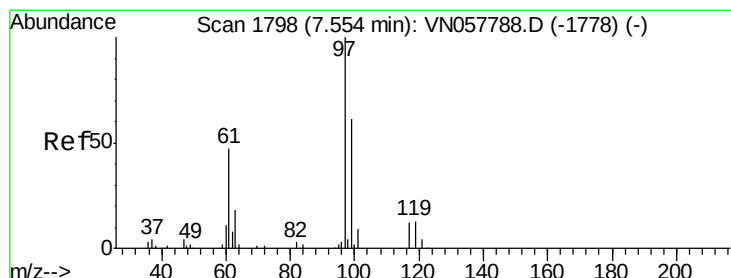
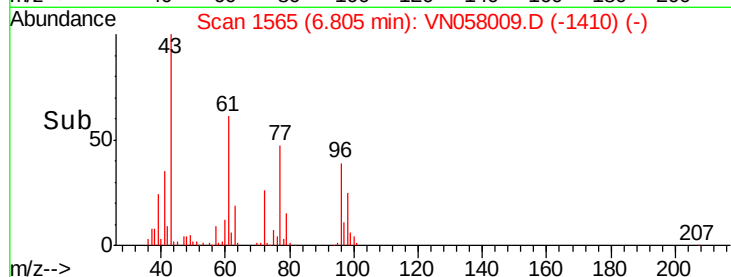
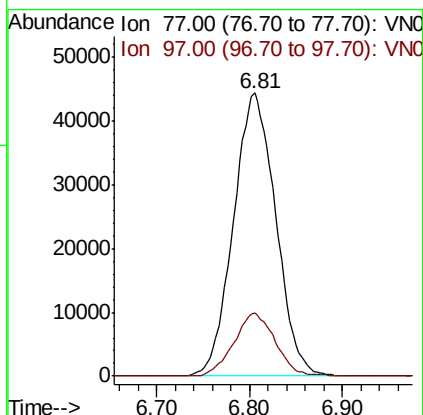
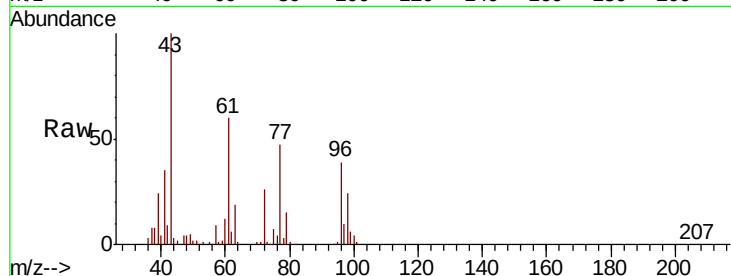




#31
 2,2-Dichloropropane
 Concen: 19.391 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

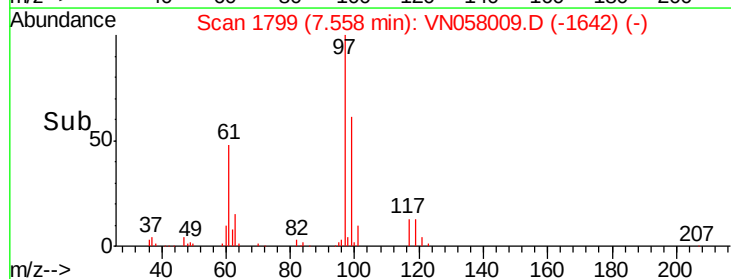
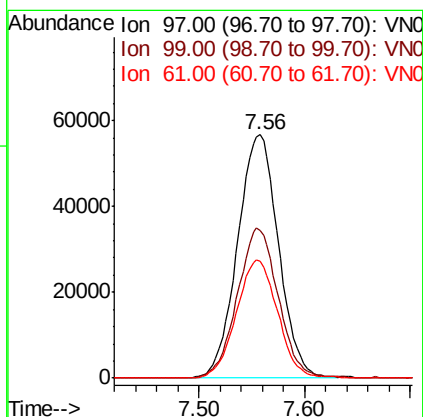
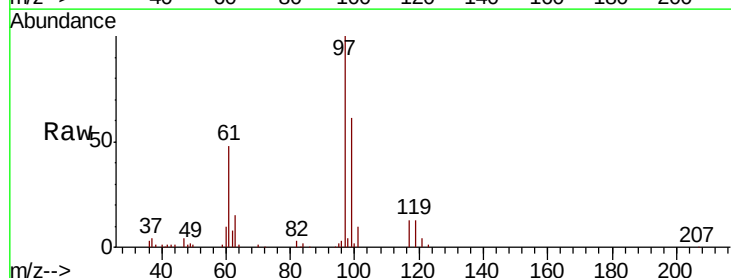
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

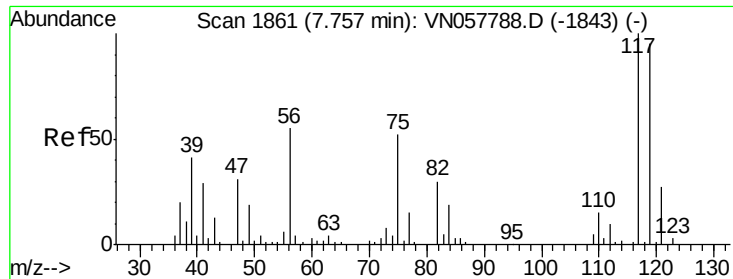
Tgt Ion: 77 Resp: 140974
 Ion Ratio Lower Upper
 77 100
 97 21.7 17.7 26.5



#32
 1,1,1-Trichloroethane
 Concen: 19.784 ug/l
 RT: 7.56 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 97 Resp: 153172
 Ion Ratio Lower Upper
 97 100
 99 61.6 49.8 74.8
 61 48.8 38.7 58.1

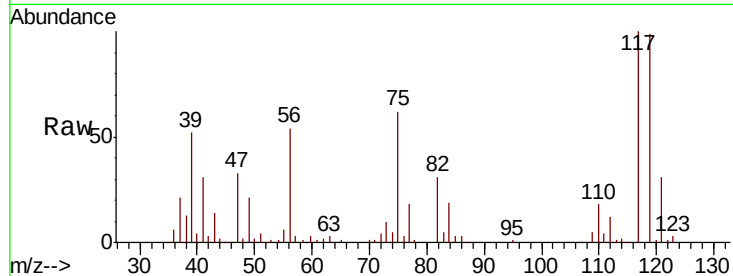




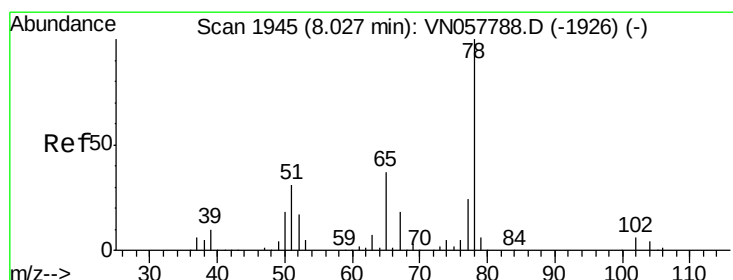
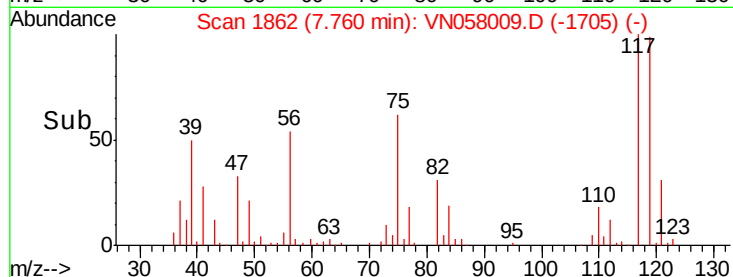
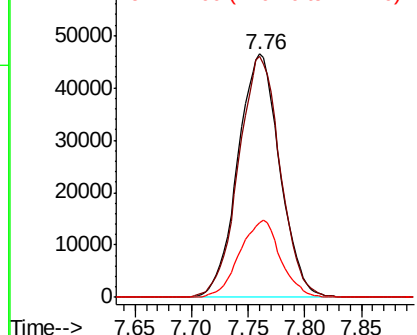
#33
Carbon Tetrachloride
Concen: 18.982 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 117 Resp: 119885
Ion Ratio Lower Upper
117 100
119 98.5 75.7 113.5
121 30.6 21.7 32.5

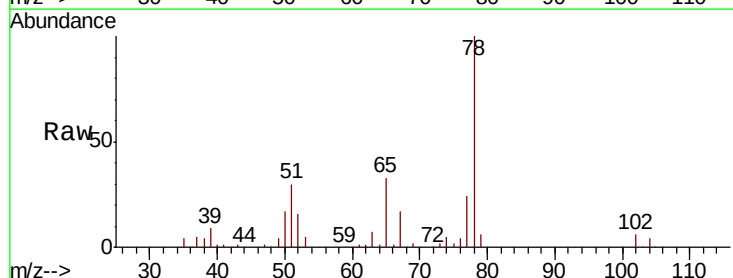


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

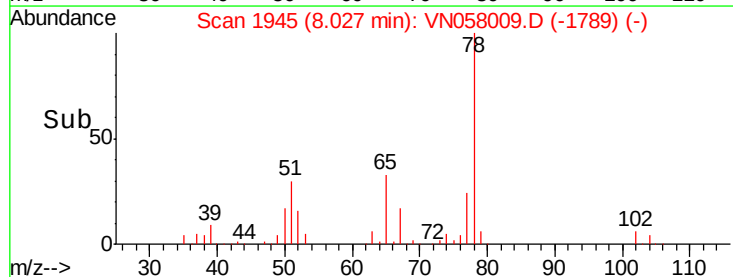
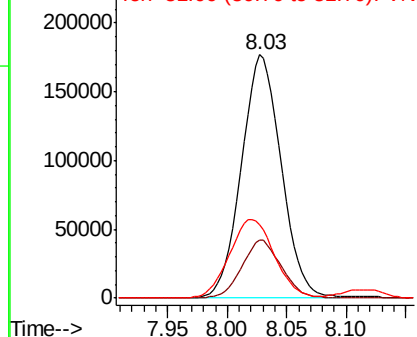


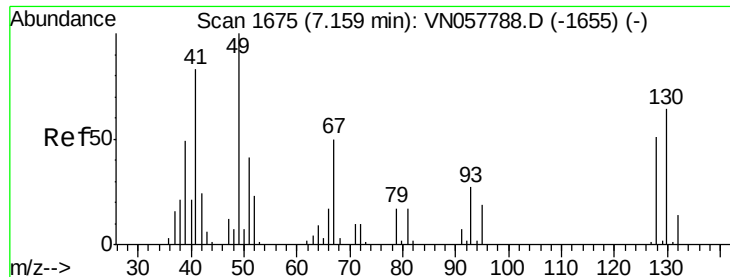
#34
Benzene
Concen: 20.066 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 78 Resp: 409418
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8
51 29.7 24.9 37.3



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

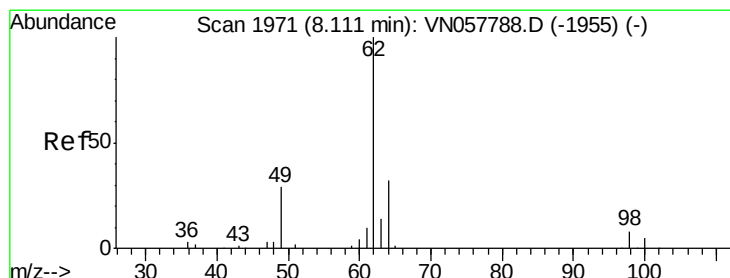
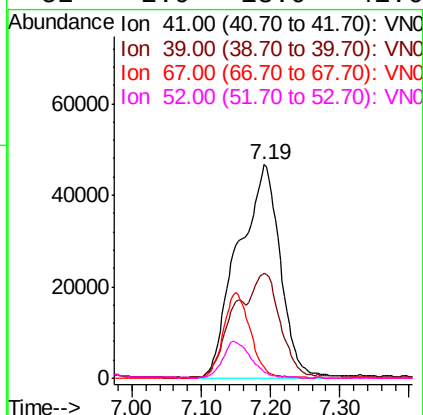
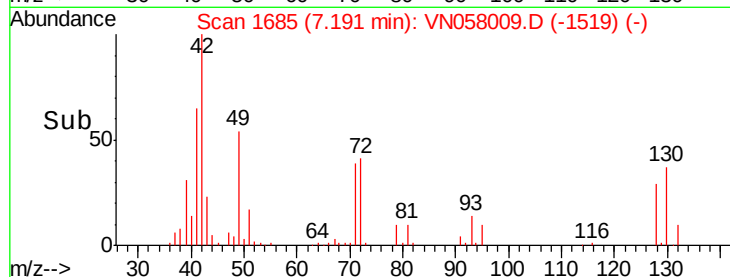
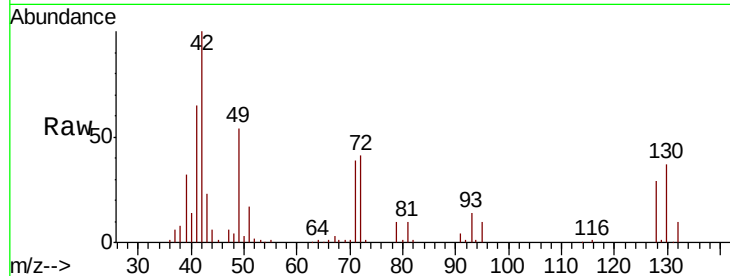




#35
Methacrylonitrile
Concen: 68.827 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

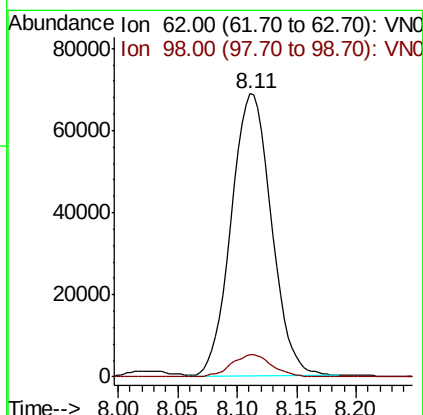
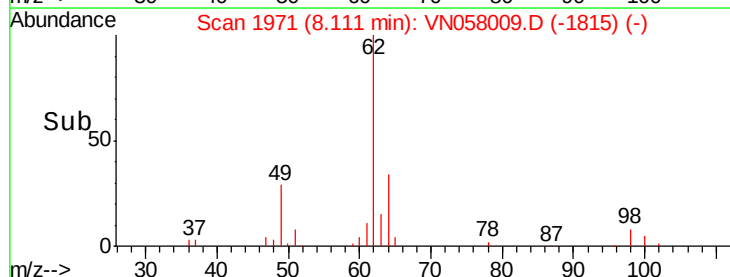
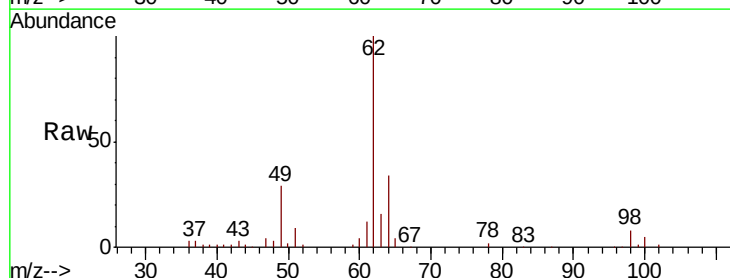
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

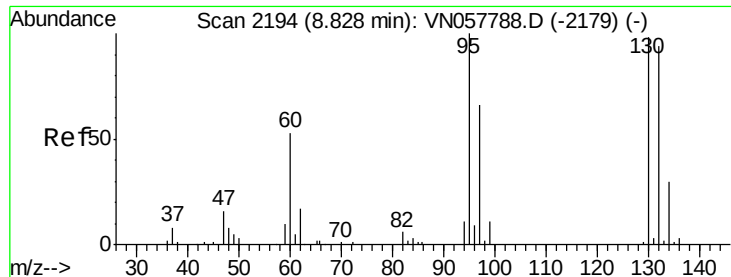
Tgt Ion: 41 Resp: 198207
Ion Ratio Lower Upper
41 100
39 48.8 29.8 89.5
67 5.1 30.0 90.1#
52 2.9 13.9 41.6#



#36
1,2-Dichloroethane
Concen: 20.344 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 62 Resp: 161078
Ion Ratio Lower Upper
62 100
98 7.9 6.6 9.8





#37

Trichloroethene

Concen: 19.783 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

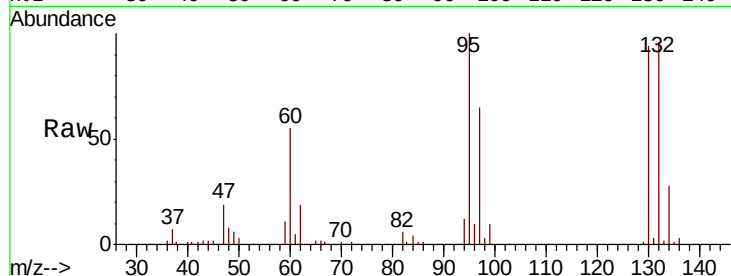
VN0914WBS01

Tgt Ion:130 Resp: 98034

Ion Ratio Lower Upper

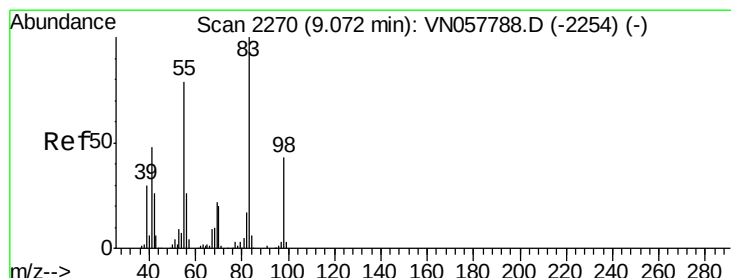
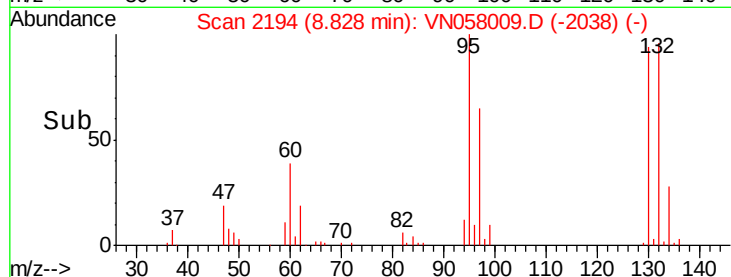
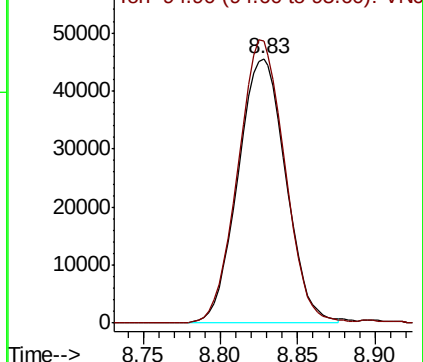
130 100

95 106.3 81.9 122.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.143 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

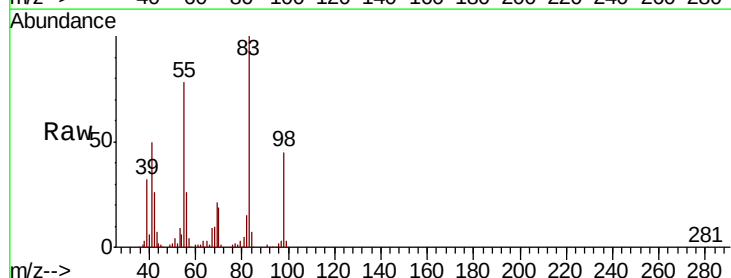
Tgt Ion: 83 Resp: 150101

Ion Ratio Lower Upper

83 100

55 77.1 39.6 118.7

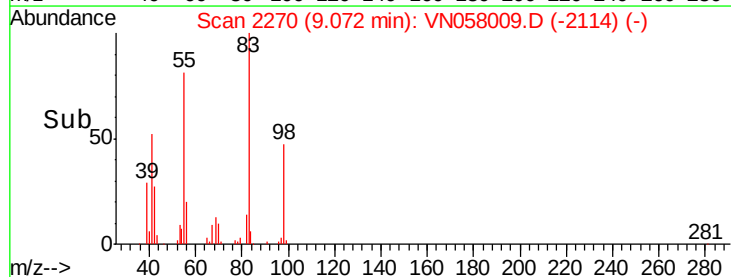
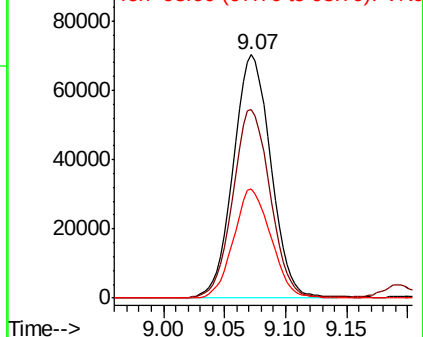
98 44.7 21.8 65.4

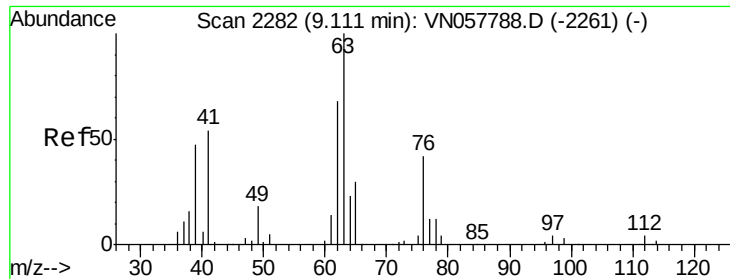


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

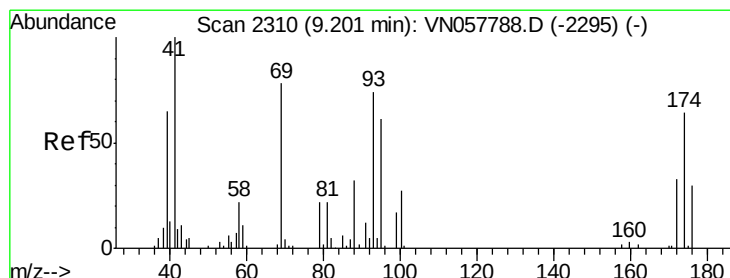
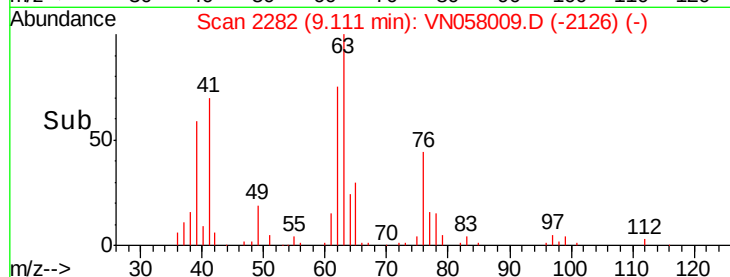
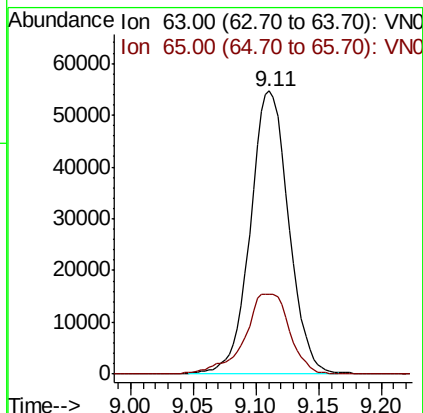
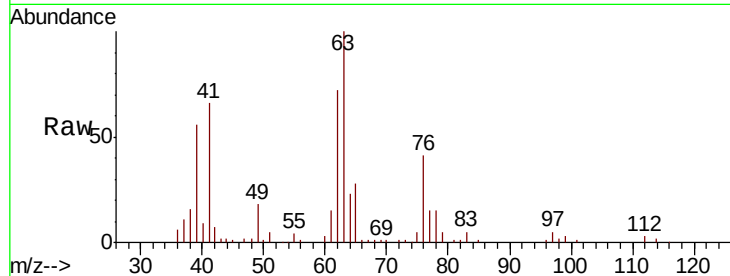




#39
 1,2-Dichloropropane
 Concen: 20.375 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

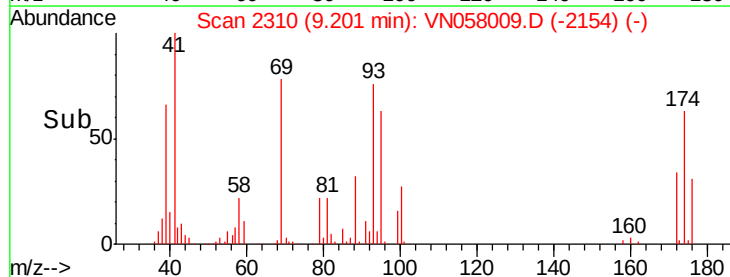
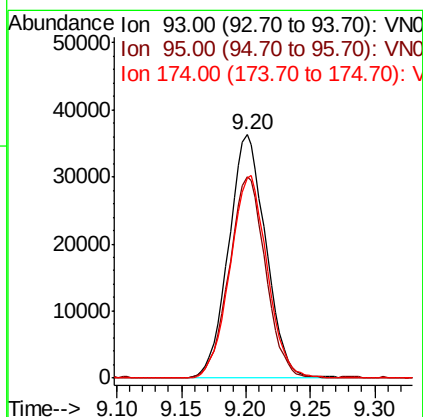
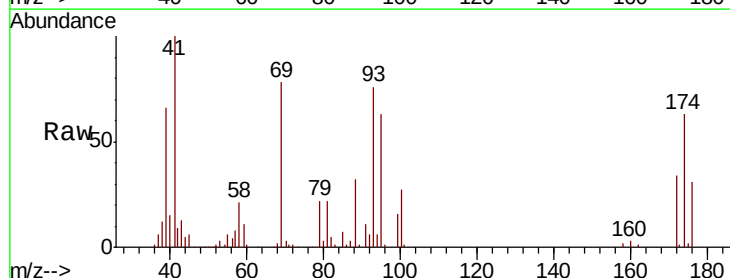
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

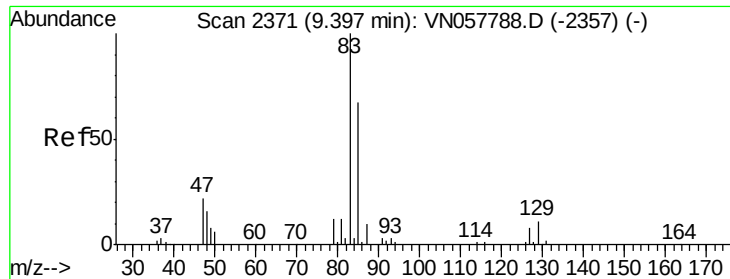
Tgt Ion: 63 Resp: 116749
 Ion Ratio Lower Upper
 63 100
 65 27.8 23.6 35.4



#40
 Dibromomethane
 Concen: 20.845 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 93 Resp: 72646
 Ion Ratio Lower Upper
 93 100
 95 81.0 0.0 163.0
 174 83.5 0.0 171.4

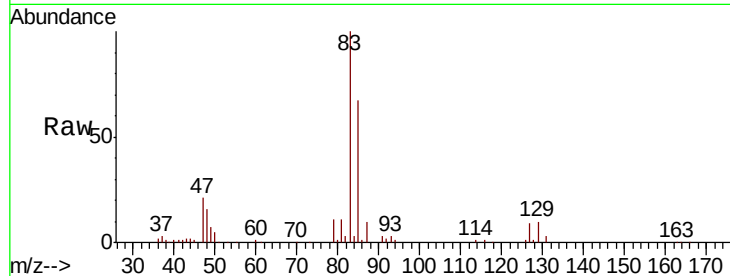




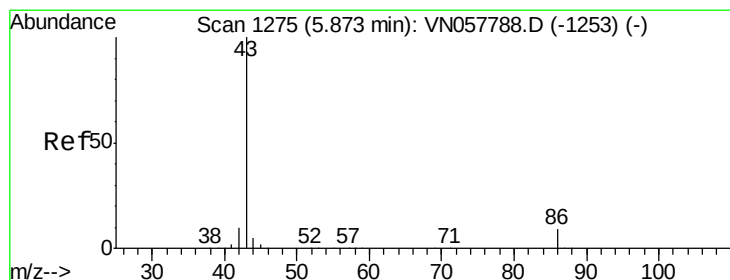
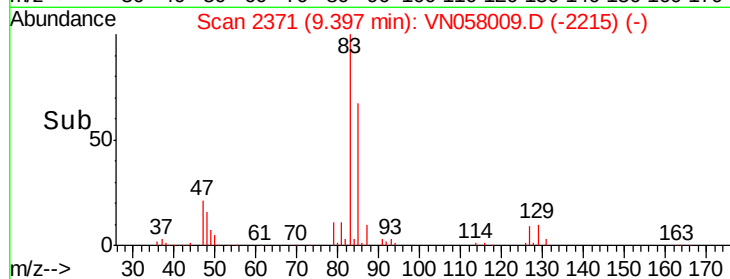
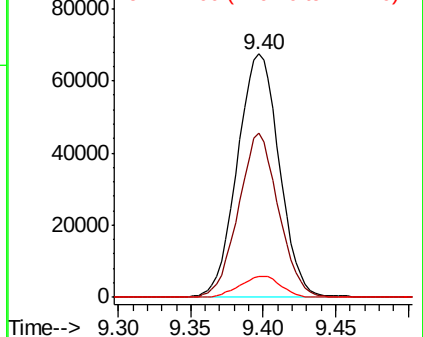
#41
Bromodichloromethane
Concen: 19.302 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 83 Resp: 135621
Ion Ratio Lower Upper
83 100
85 67.2 53.4 80.0
127 8.6 6.6 10.0

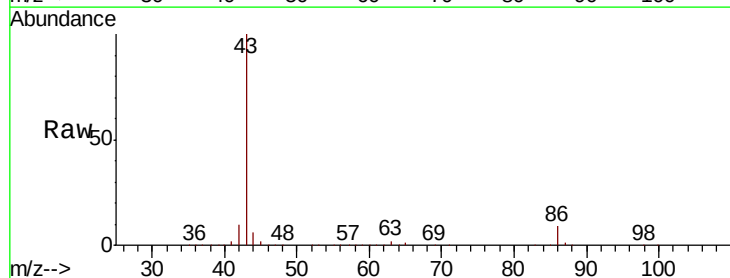


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): VN0

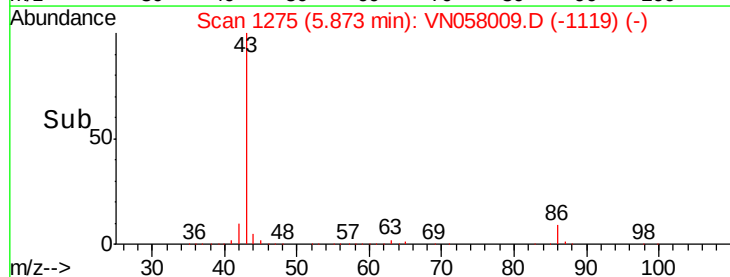
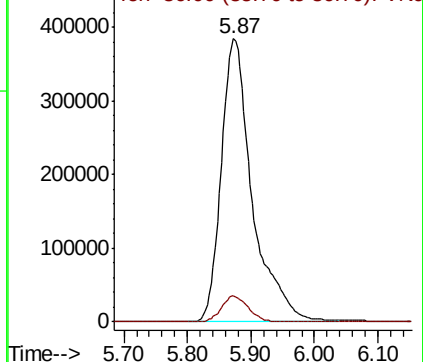


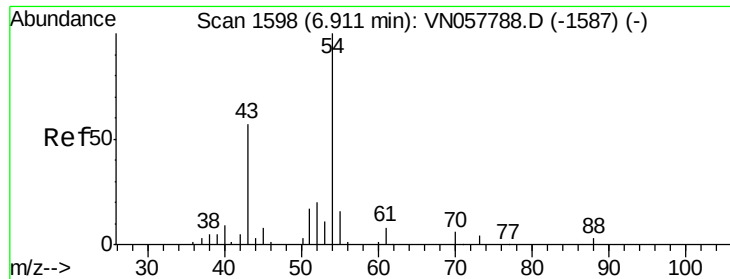
#42
Vinyl Acetate
Concen: 104.530 ug/l
RT: 5.87 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 43 Resp: 1304399
Ion Ratio Lower Upper
43 100
86 7.9 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 21.429 ug/l

RT: 6.91 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

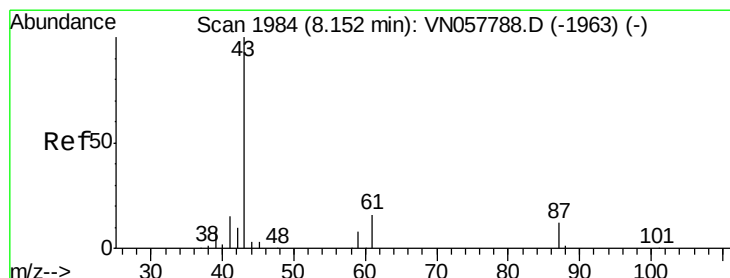
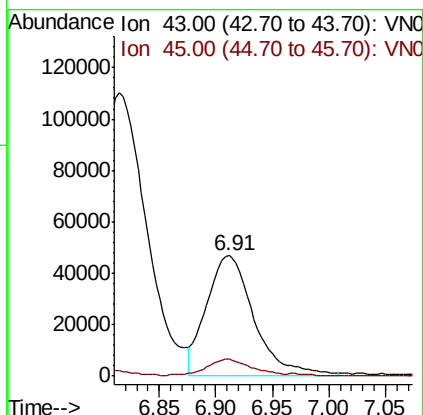
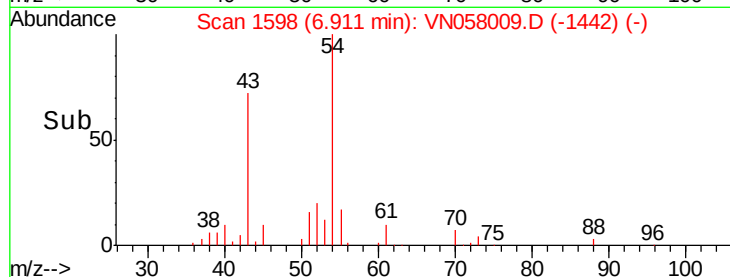
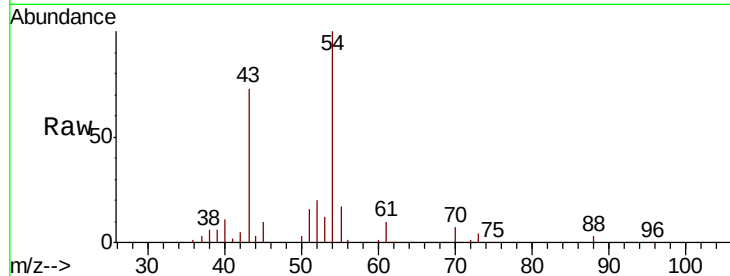
VN0914WBS01

Tgt Ion: 43 Resp: 135746

Ion Ratio Lower Upper

43 100

45 11.7 5.4 8.0#



#44

Isopropyl Acetate

Concen: 21.352 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058009.D

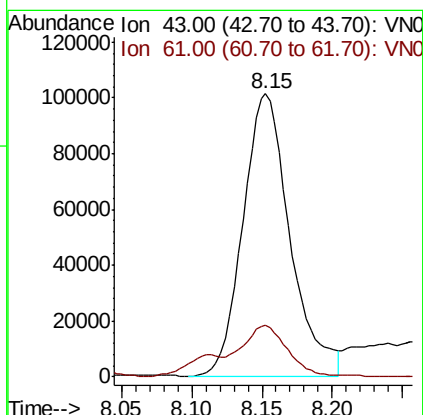
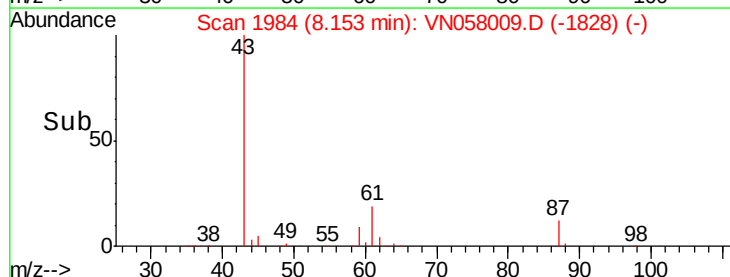
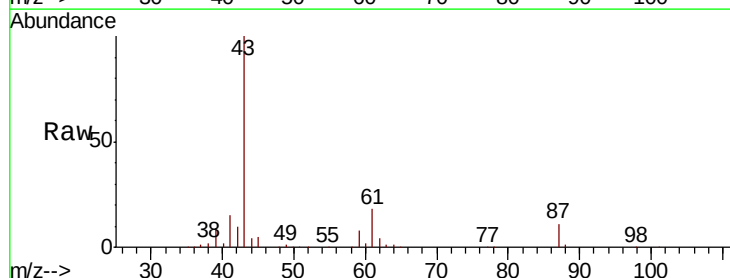
Acq: 13 Sep 2019 11:40

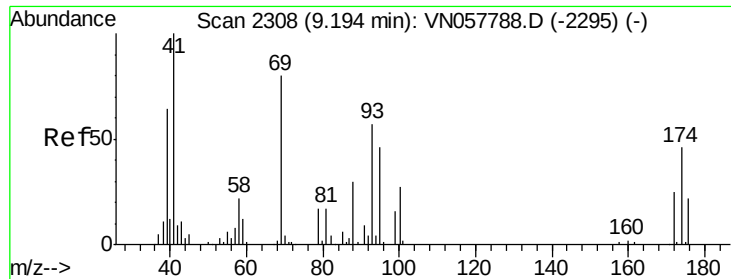
Tgt Ion: 43 Resp: 235825

Ion Ratio Lower Upper

43 100

61 17.0 0.1 0.1#

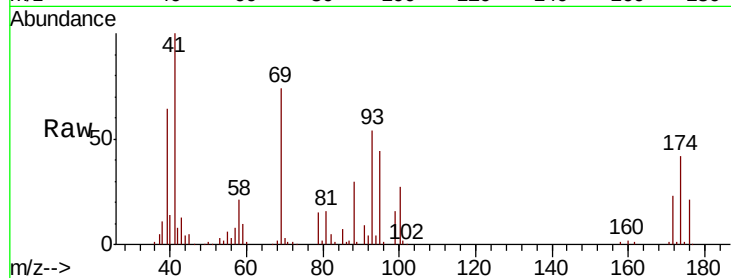




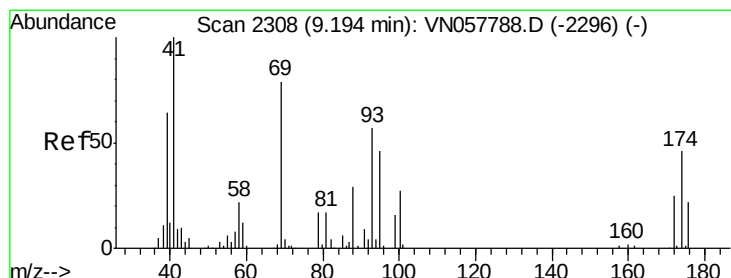
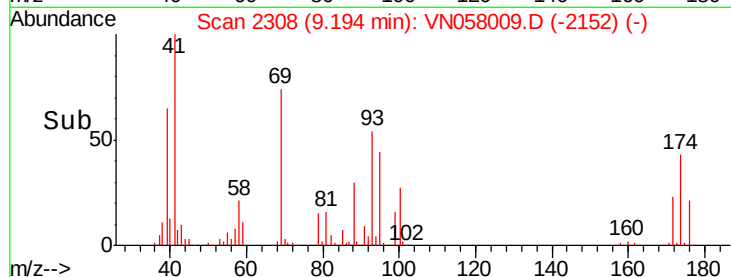
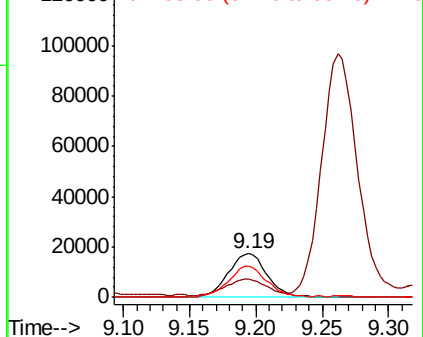
#45
 1,4-Dioxane
 Concen: 406.204 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tgt Ion: 88 Resp: 35254
 Ion Ratio Lower Upper
 88 100
 43 37.6 28.2 42.4
 58 70.9 58.5 87.7

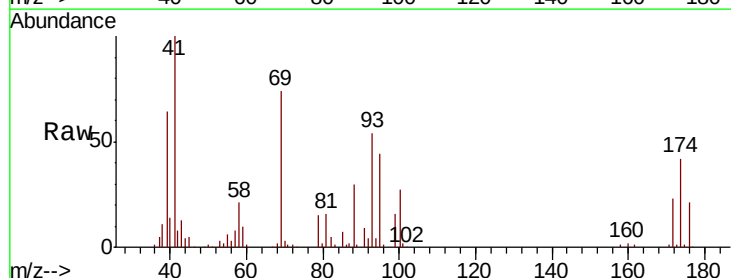


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

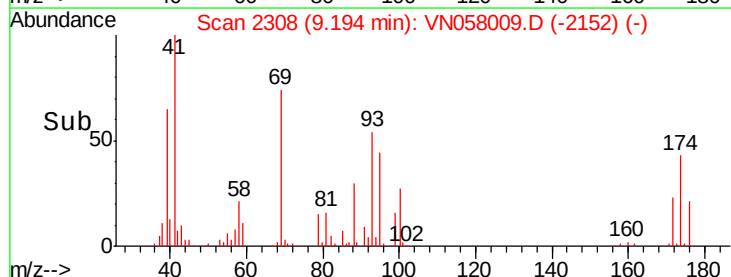
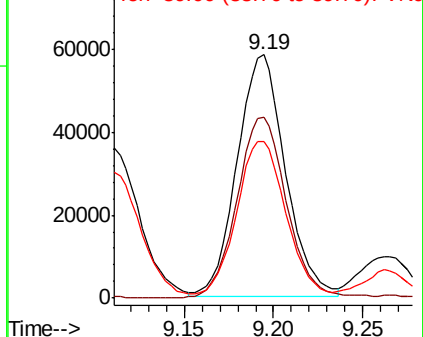


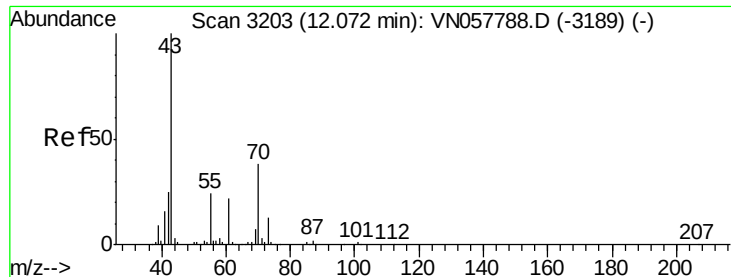
#46
 Methyl methacrylate
 Concen: 20.546 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 41 Resp: 110848
 Ion Ratio Lower Upper
 41 100
 69 75.4 39.6 119.0
 39 64.0 31.9 95.7



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

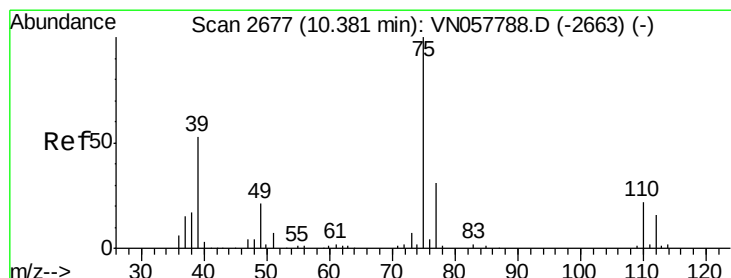
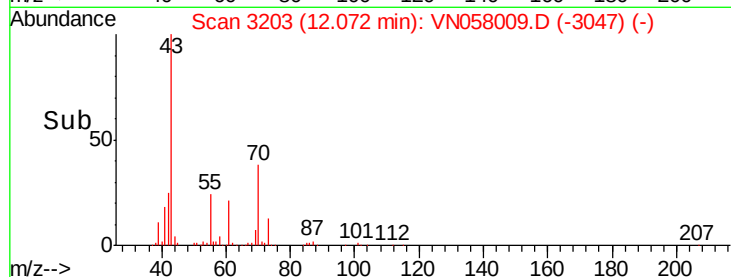
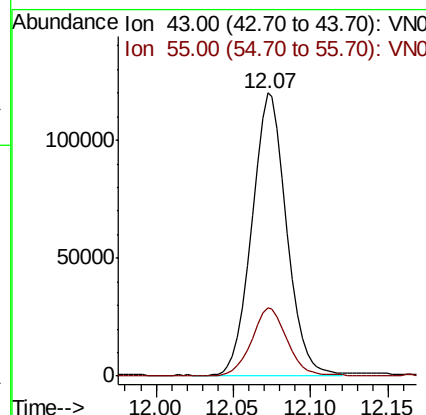
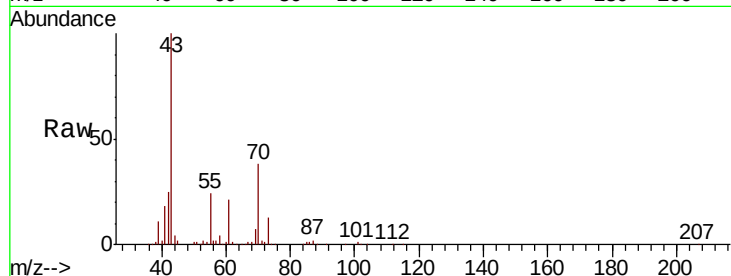




#47
n-amyl Acetate
Concen: 18.343 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

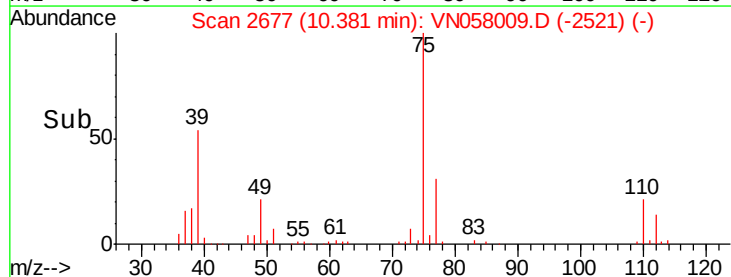
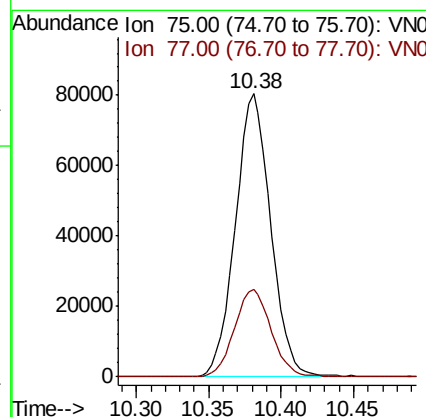
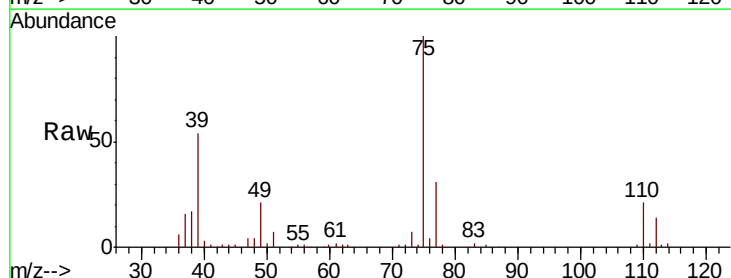
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

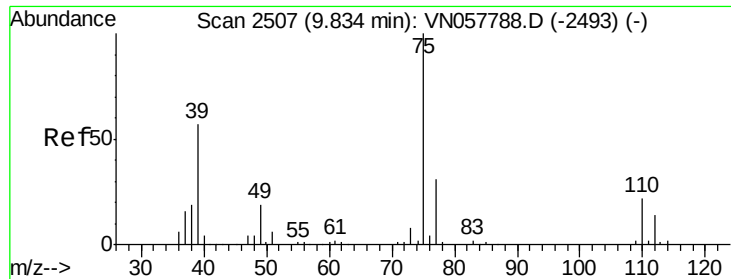
Tgt Ion: 43 Resp: 186110
Ion Ratio Lower Upper
43 100
55 24.4 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 18.180 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 75 Resp: 135985
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3



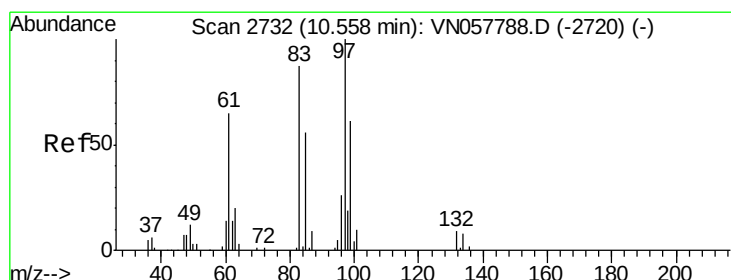
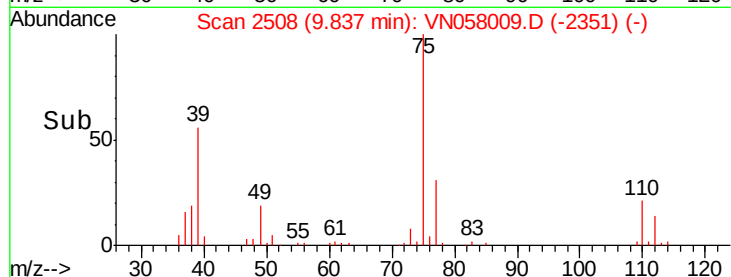
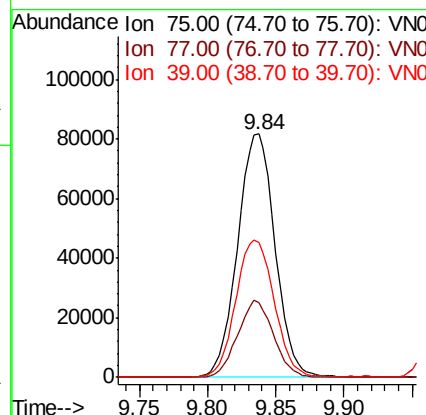
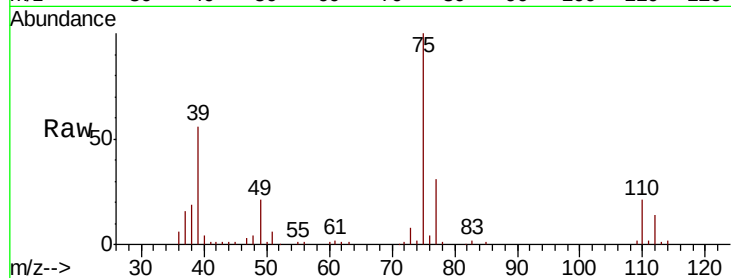


#49

cis-1,3-Dichloropropene
 Concen: 18.534 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS01

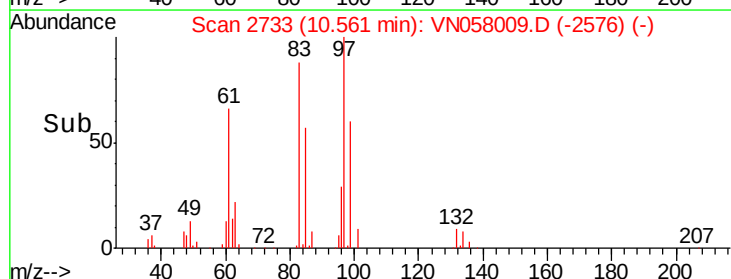
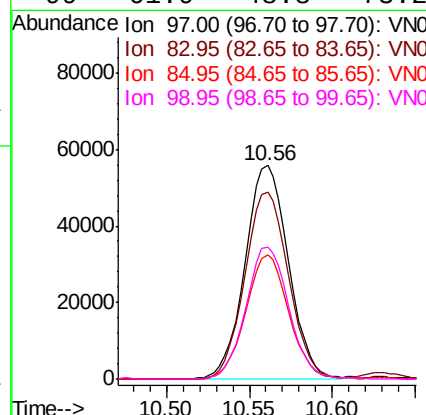
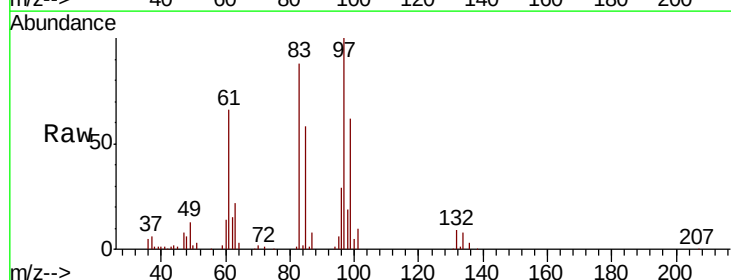
Tgt Ion:	75	Resp:	155550
Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.6	36.8
39	55.2	45.8	68.8

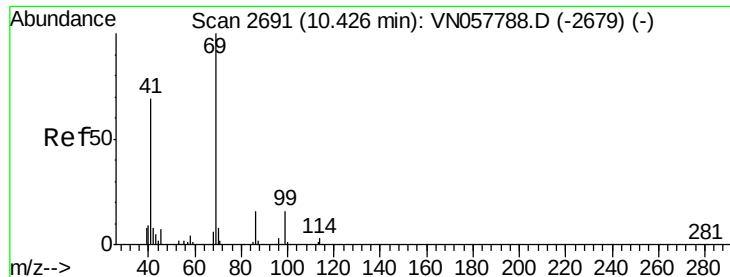


#50

1,1,2-Trichloroethane
 Concen: 20.165 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion:	97	Resp:	101939
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.4	104.2
85	57.9	45.0	67.6
99	61.9	48.8	73.2





#51

Ethyl methacrylate

Concen: 18.809 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

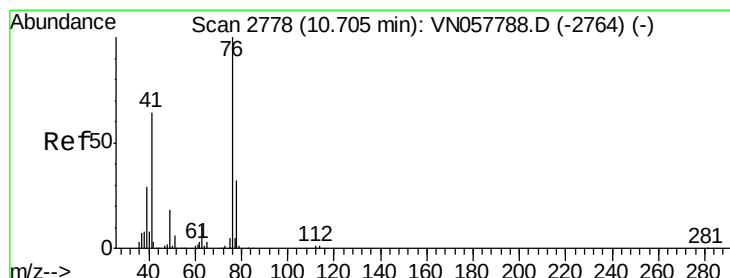
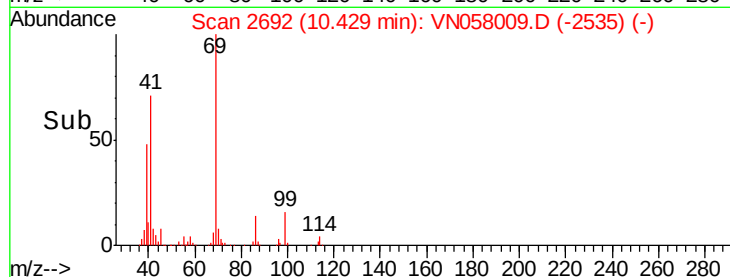
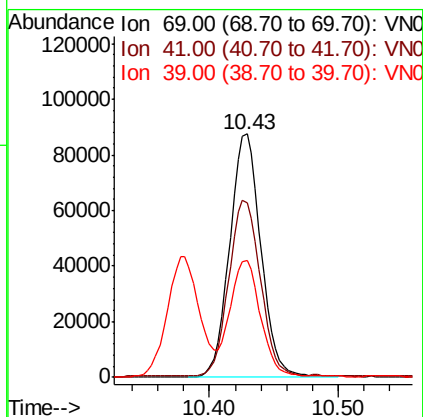
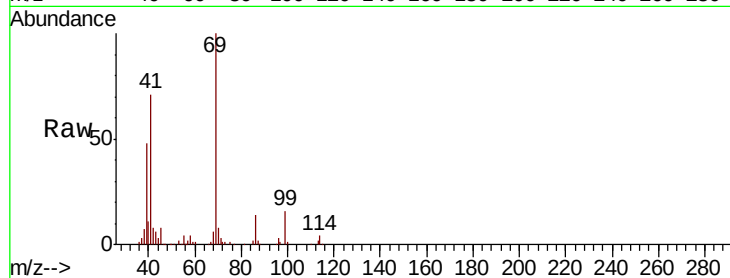
Tgt Ion: 69 Resp: 147428

Ion Ratio Lower Upper

69 100

41 70.9 34.5 103.5

39 47.6 22.4 67.3



#52

1,3-Dichloropropane

Concen: 20.278 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058009.D

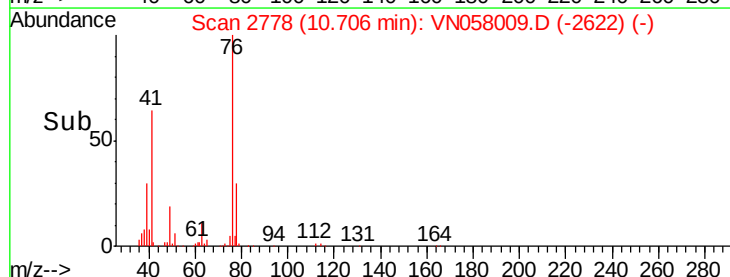
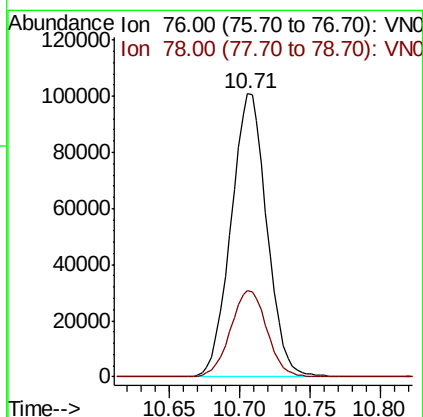
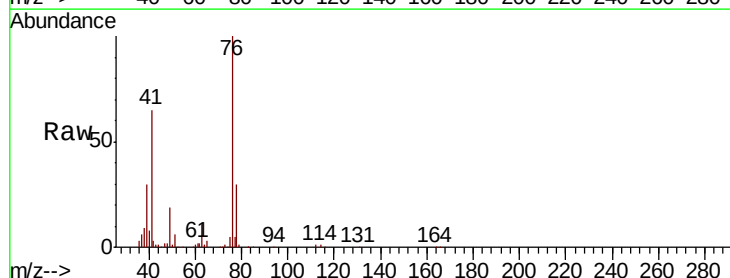
Acq: 13 Sep 2019 11:40

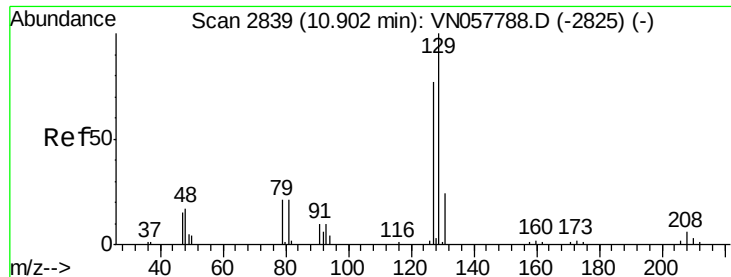
Tgt Ion: 76 Resp: 179266

Ion Ratio Lower Upper

76 100

78 31.1 0.0 63.8

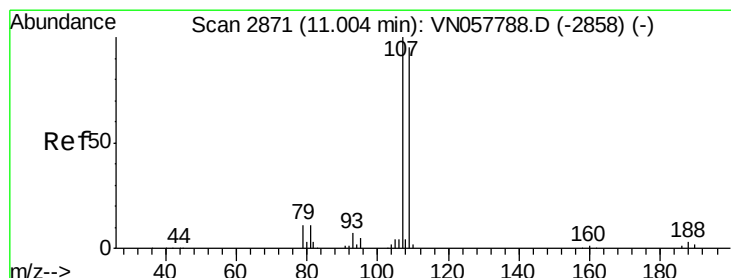
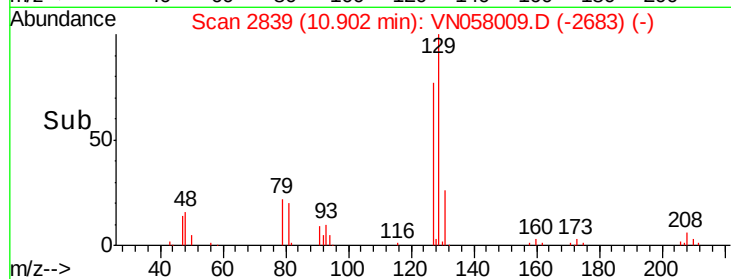
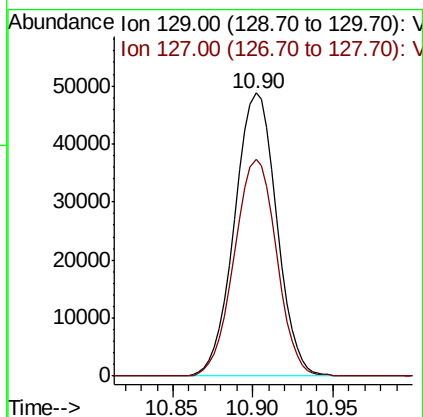
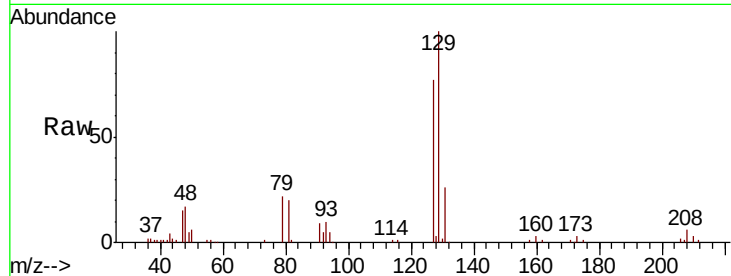




#53
 Dibromochloromethane
 Concen: 17.547 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

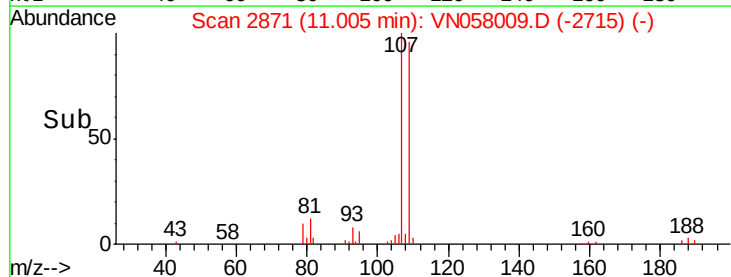
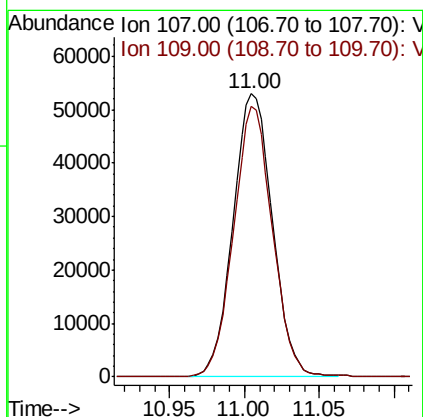
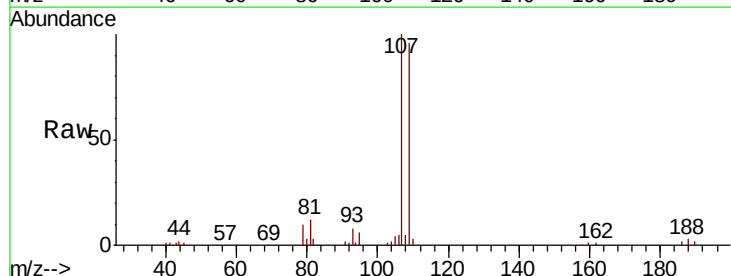
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS01

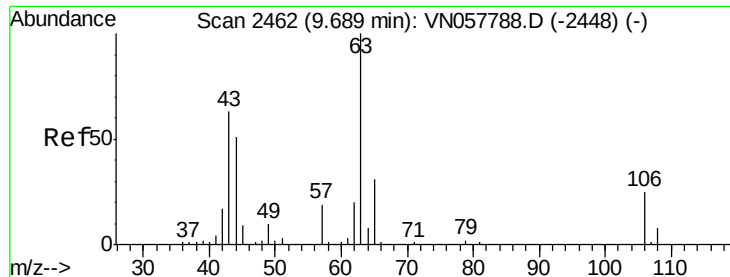
Tgt Ion:129 Resp: 87603
 Ion Ratio Lower Upper
 129 100
 127 77.2 38.8 116.3



#54
 1,2-Dibromoethane
 Concen: 19.321 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion:107 Resp: 97179
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0

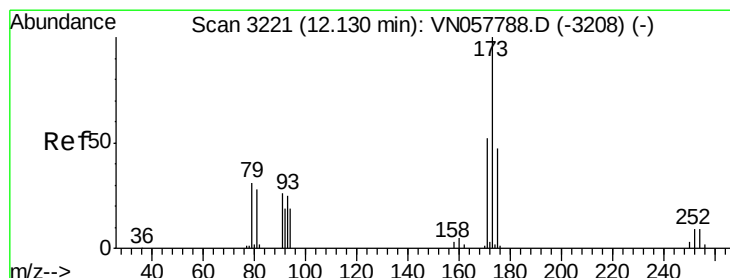
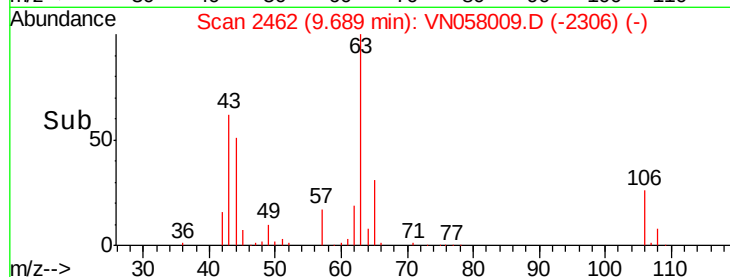
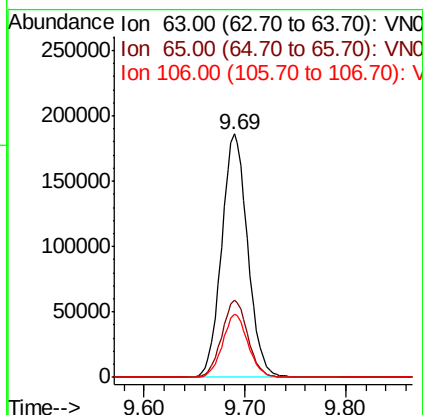
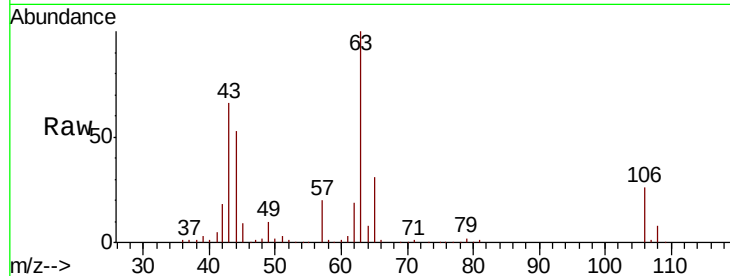




#55
 2-Chloroethyl vinyl ether
 Concen: 90.119 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

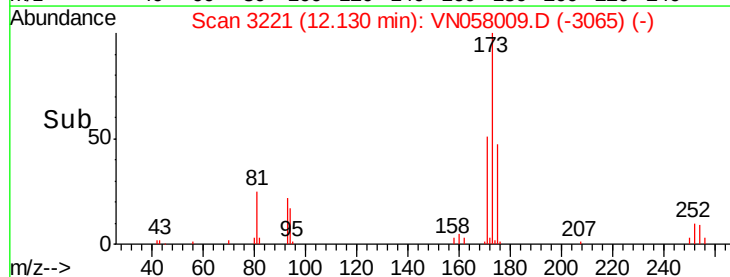
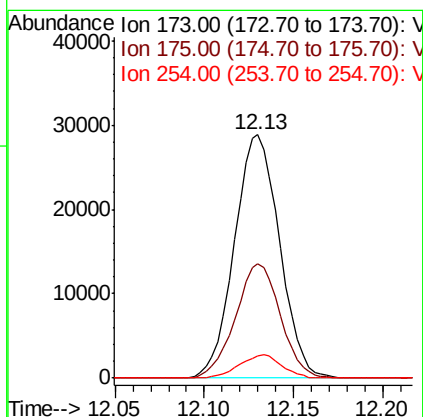
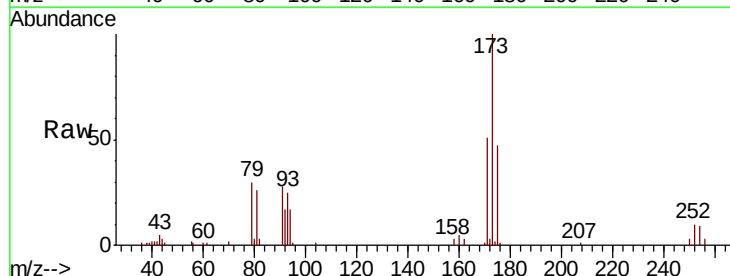
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

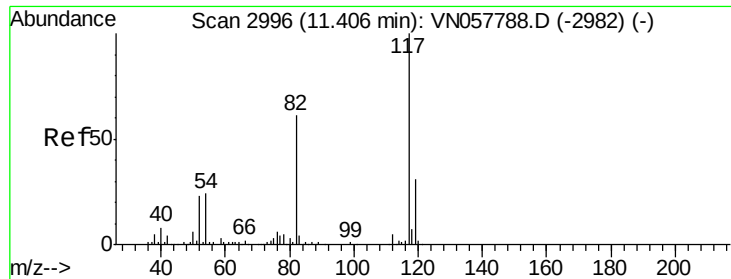
Tgt Ion: 63 Resp: 335650
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6
 106 25.3 19.8 29.8



#56
 Bromoform
 Concen: 16.430 ug/l
 RT: 12.13 min Scan# 3221
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 173 Resp: 50813
 Ion Ratio Lower Upper
 173 100
 175 46.7 38.4 57.6
 254 9.0 6.9 10.3

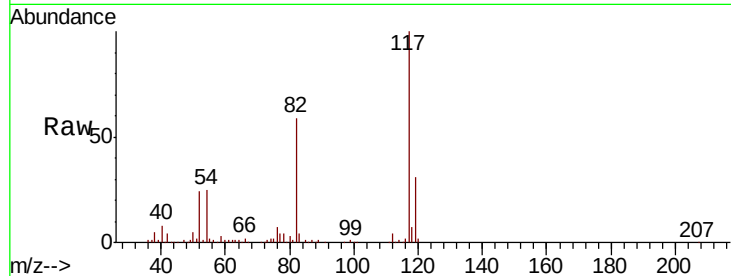




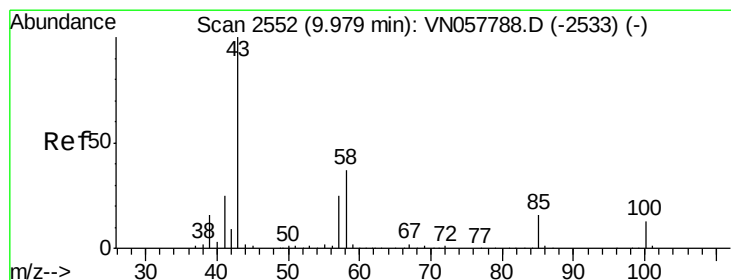
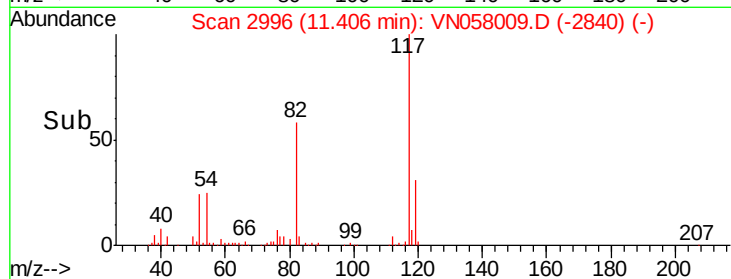
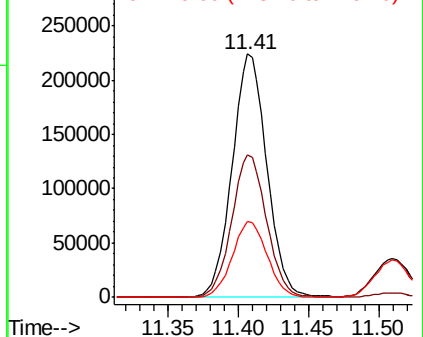
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 117 Resp: 386609
Ion Ratio Lower Upper
117 100
82 58.8 47.6 71.4
119 31.3 25.4 38.2

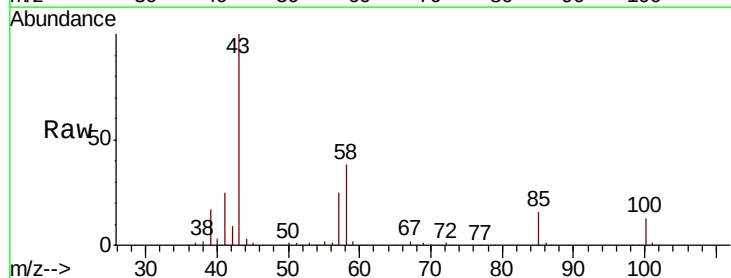


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

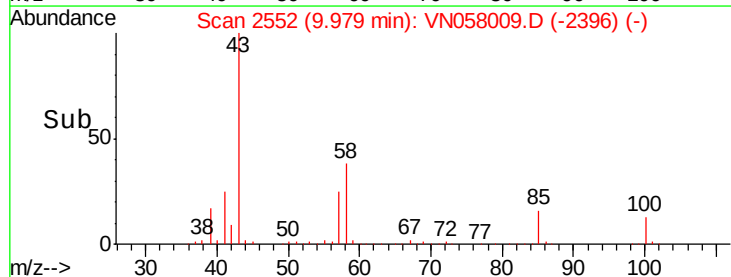
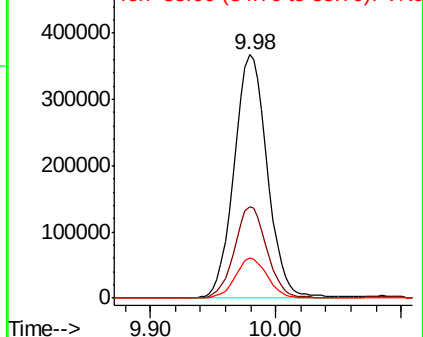


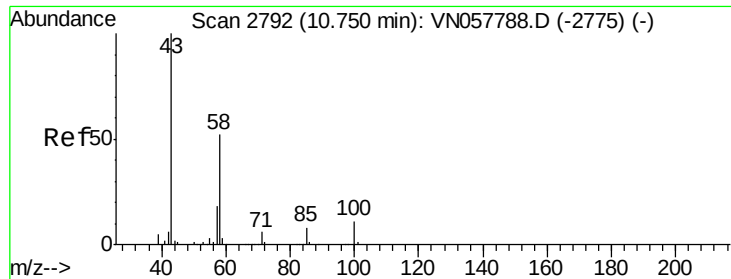
#58
4-Methyl-2-Pentanone
Concen: 112.161 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 43 Resp: 672457
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.0
85 16.0 12.9 19.3



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V

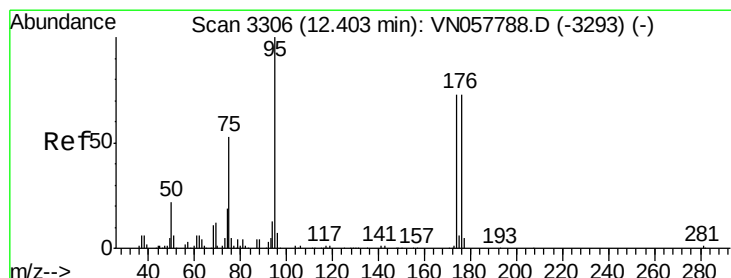
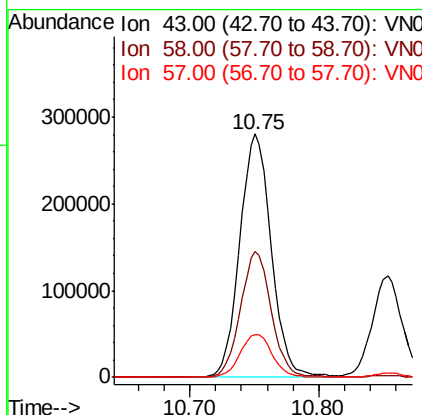
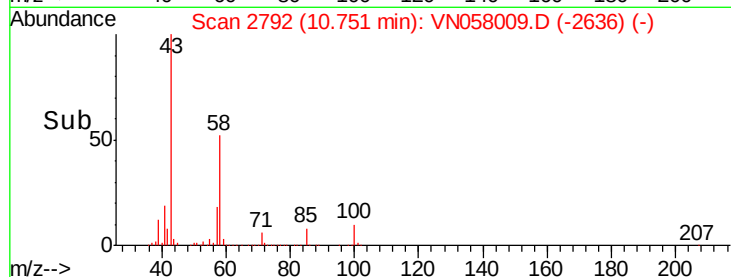
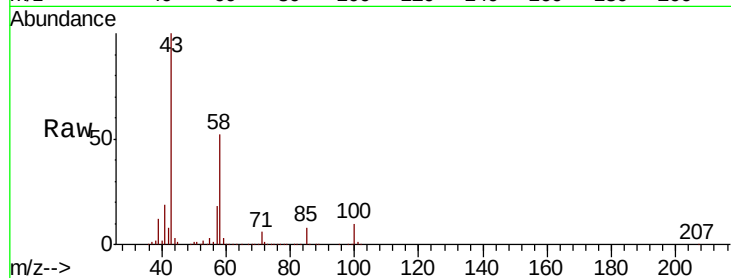




#59
2-Hexanone
Concen: 105.379 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

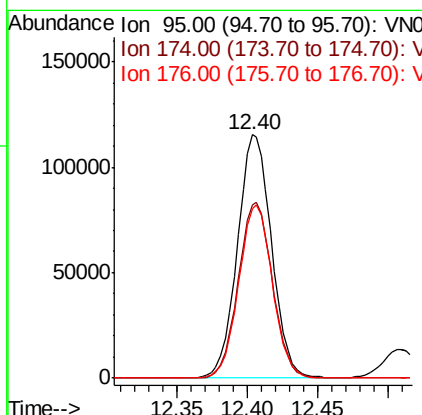
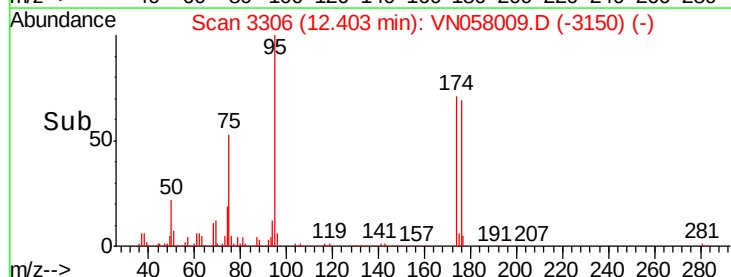
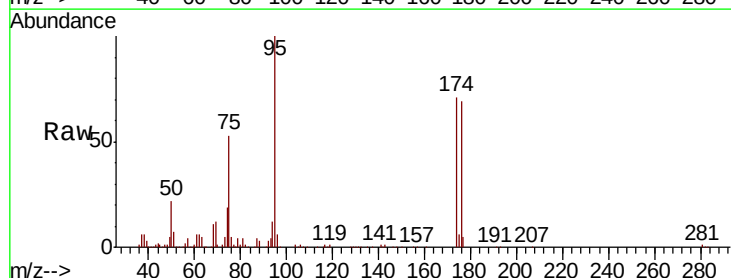
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

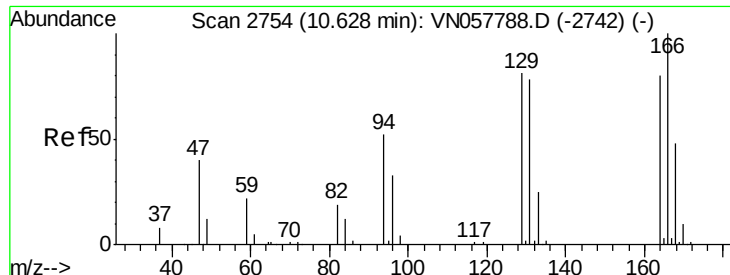
Tgt Ion: 43 Resp: 474115
Ion Ratio Lower Upper
43 100
58 50.9 40.6 61.0
57 18.2 14.5 21.7



#60
4-Bromofluorobenzene
Concen: 29.601 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 95 Resp: 195825
Ion Ratio Lower Upper
95 100
174 72.0 59.4 89.0
176 70.0 57.4 86.0





#61

Tetrachloroethene

Concen: 20.449 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion:164 Resp: 80380

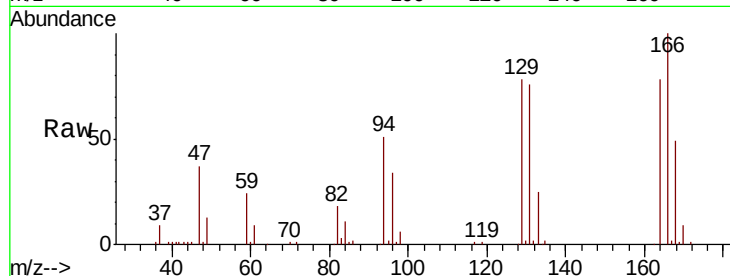
Ion Ratio Lower Upper

164 100

166 127.5 99.6 149.4

129 99.5 80.9 121.3

131 96.8 77.2 115.8

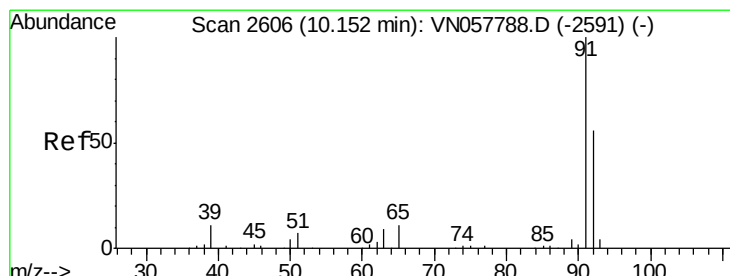
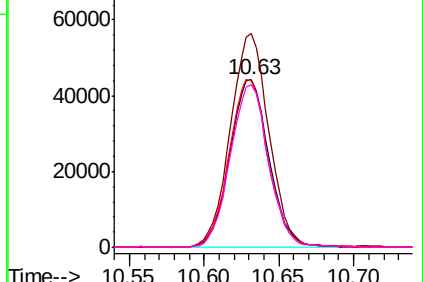
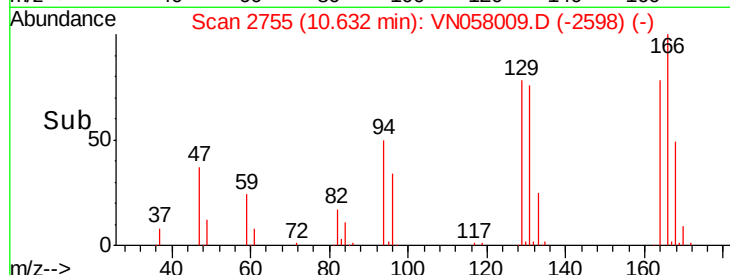


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.561 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058009.D

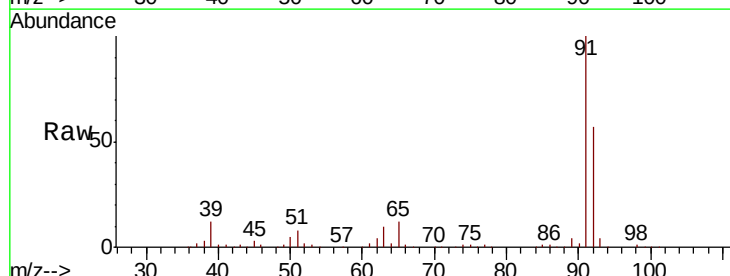
Acq: 13 Sep 2019 11:40

Tgt Ion: 91 Resp: 440154

Ion Ratio Lower Upper

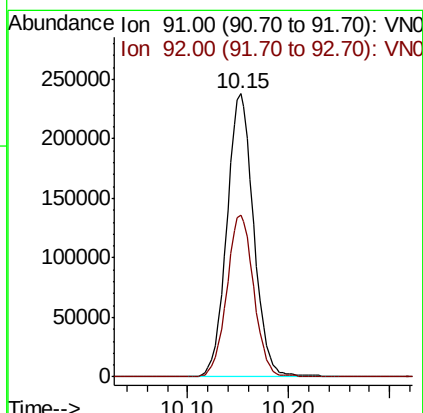
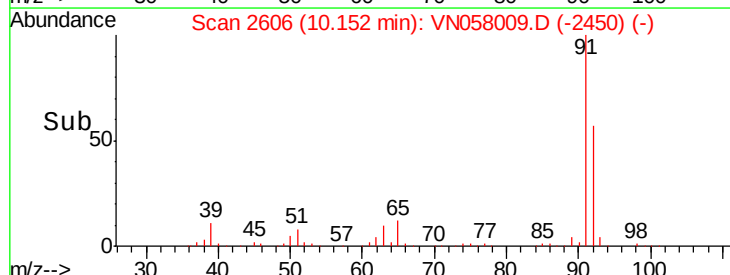
91 100

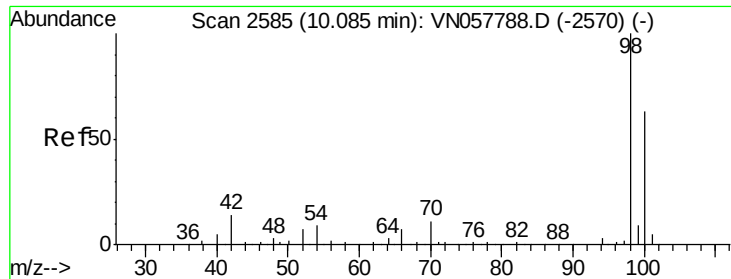
92 57.8 44.9 67.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

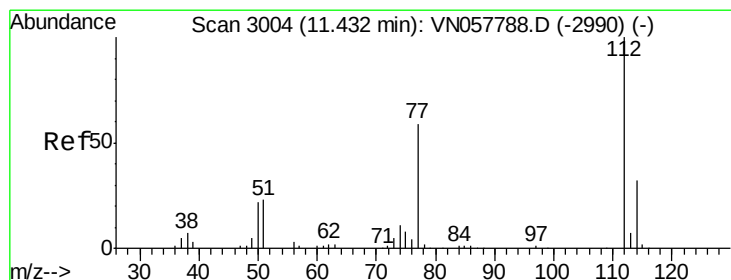
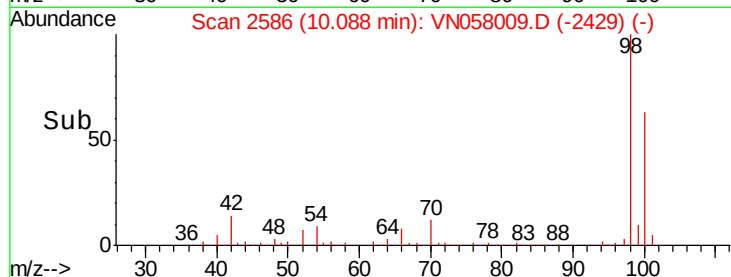
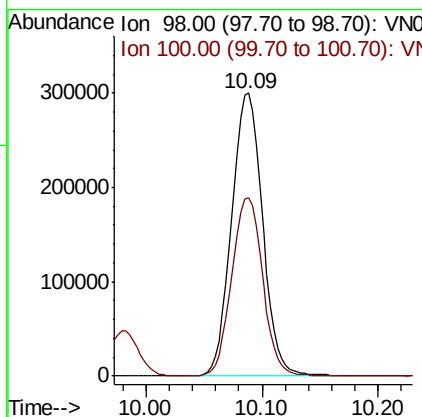
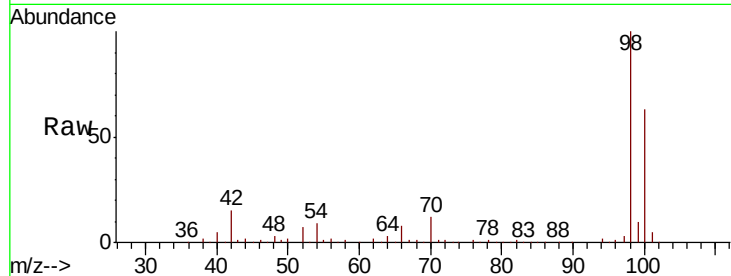




#63
Toluene-d8
Concen: 29.930 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

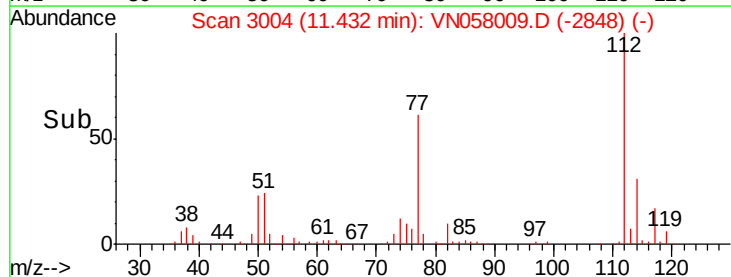
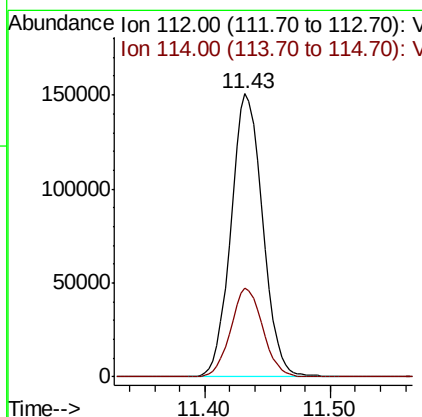
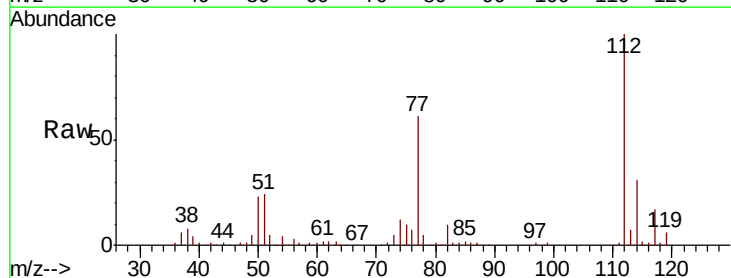
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

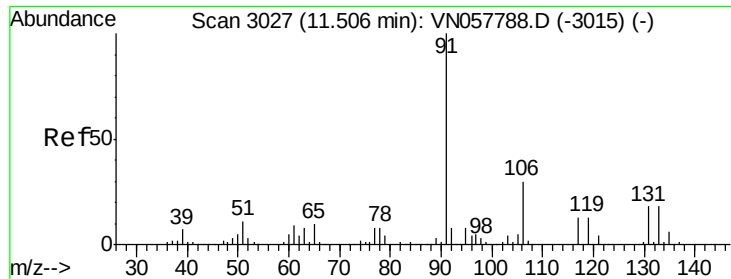
Tgt Ion: 98 Resp: 555395
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5



#64
Chlorobenzene
Concen: 19.948 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 112 Resp: 264906
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.343 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

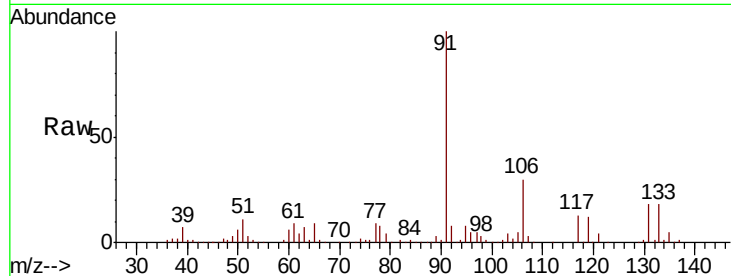
Tgt Ion: 131 Resp: 89186

Ion Ratio Lower Upper

131 100

133 96.0 0.0 189.2

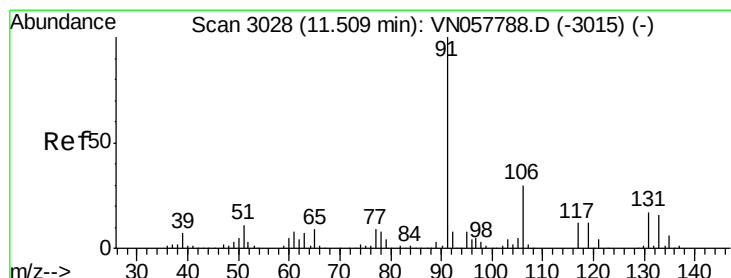
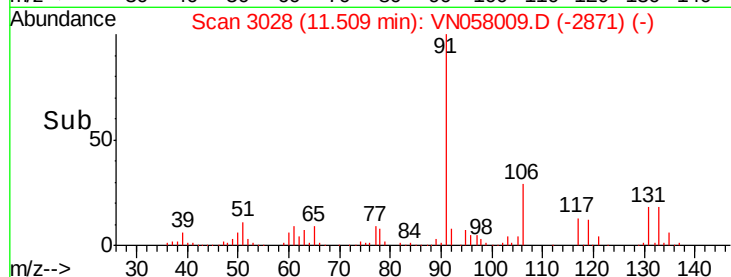
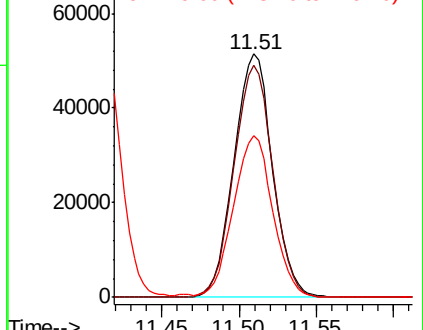
119 67.7 0.0 136.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.642 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058009.D

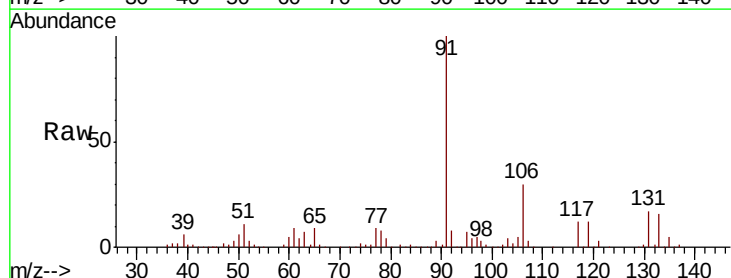
Acq: 13 Sep 2019 11:40

Tgt Ion: 91 Resp: 482262

Ion Ratio Lower Upper

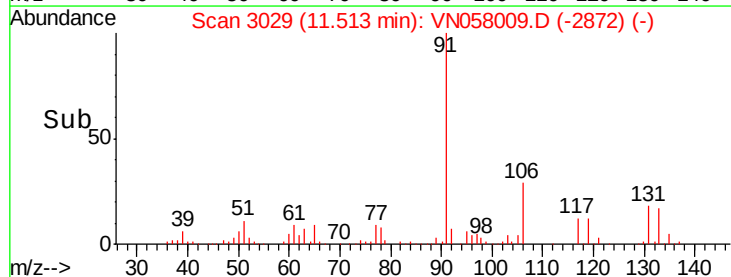
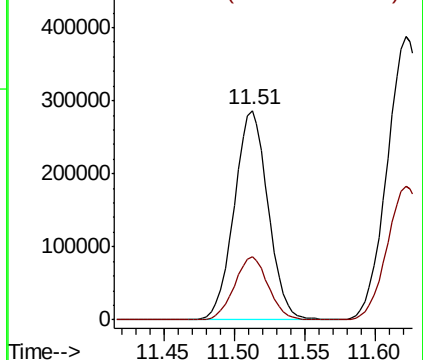
91 100

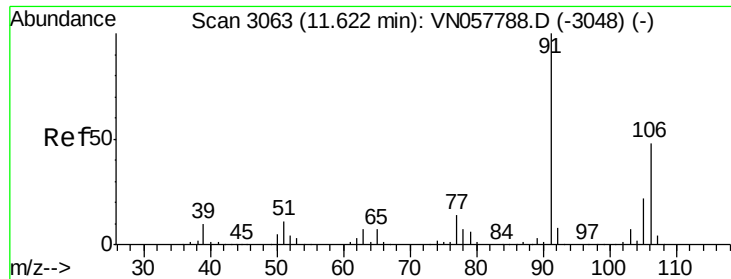
106 29.9 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

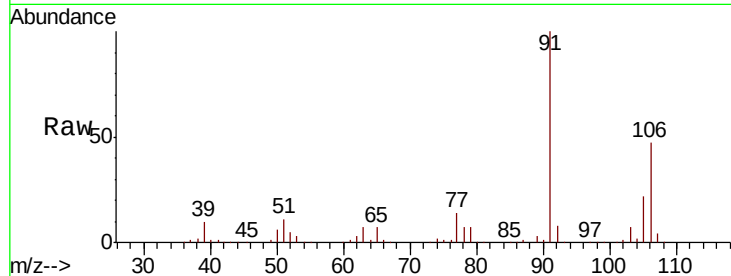




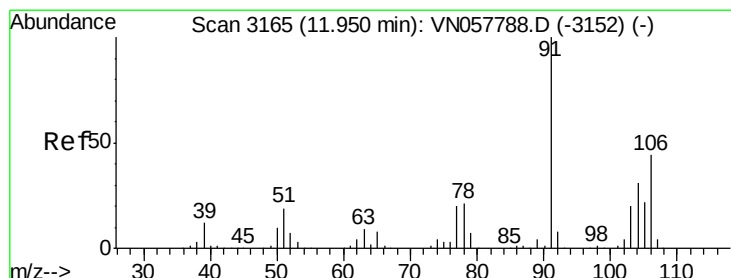
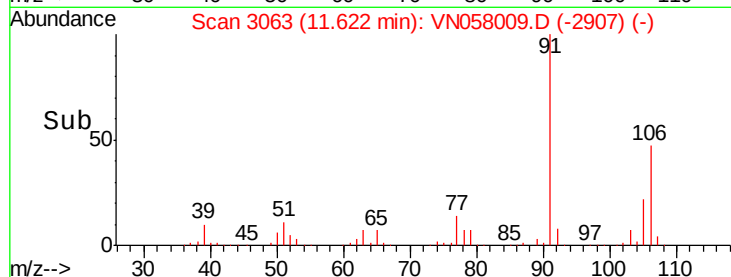
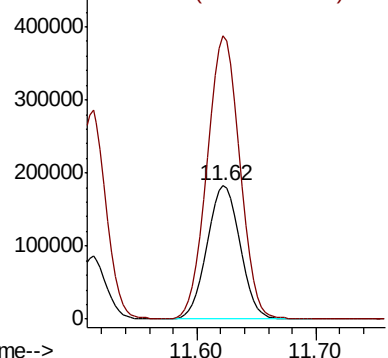
#67
m/p-Xylenes
Concen: 39.480 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:106 Resp: 352053
Ion Ratio Lower Upper
106 100
91 210.4 166.1 249.1

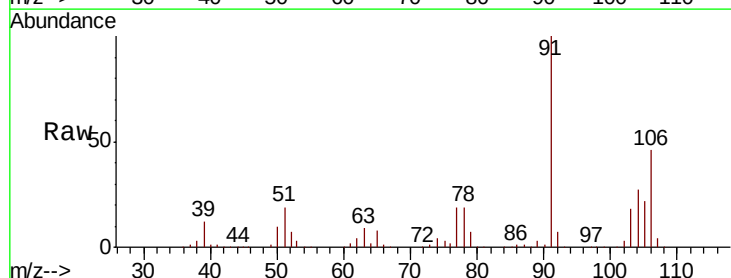


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

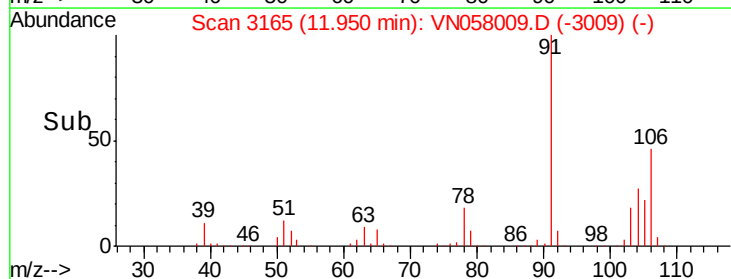
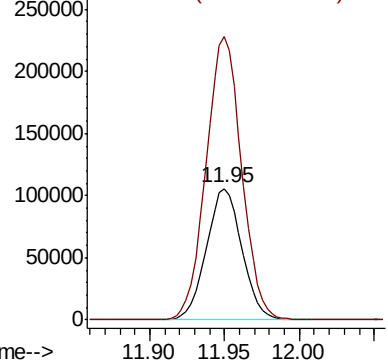


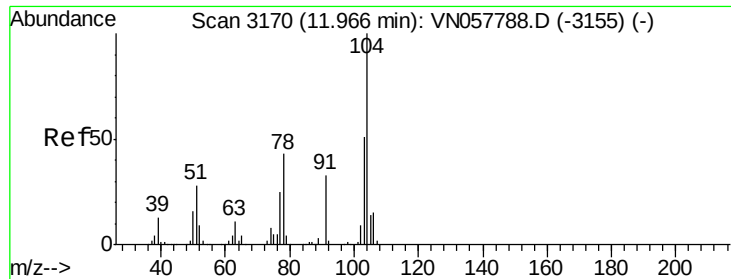
#68
o-Xylene
Concen: 19.989 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion:106 Resp: 174622
Ion Ratio Lower Upper
106 100
91 215.9 111.5 334.4



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

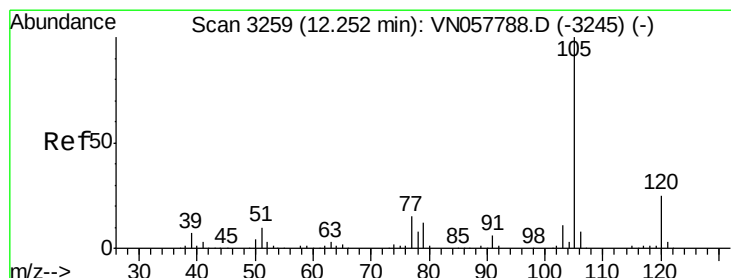
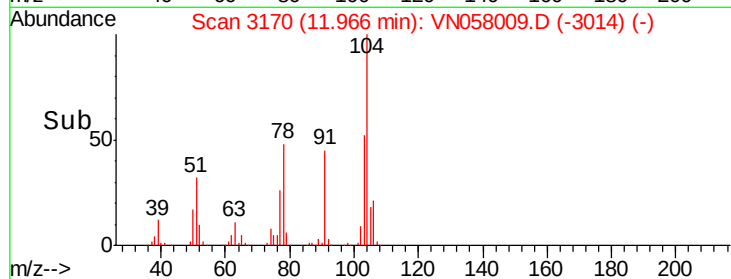
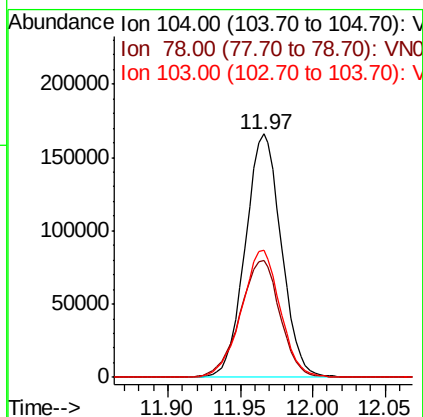
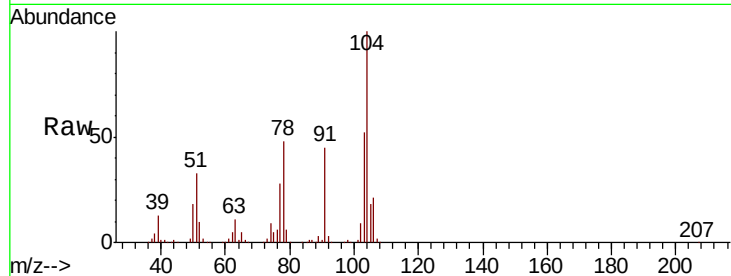




#69
Styrene
Concen: 19.293 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

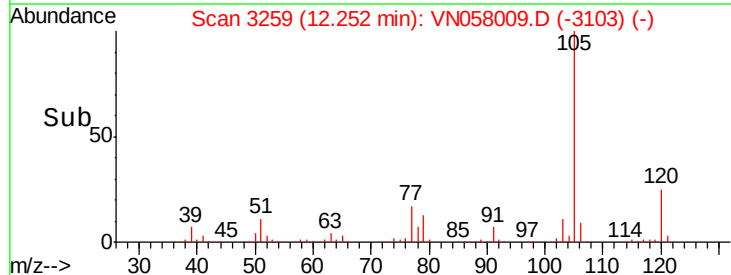
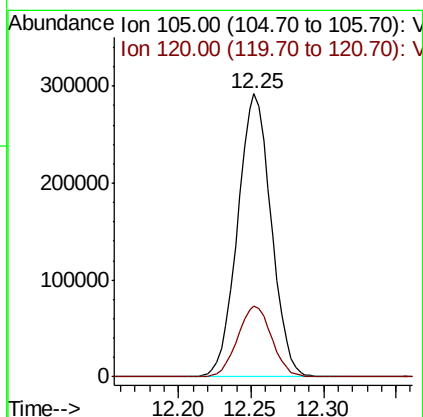
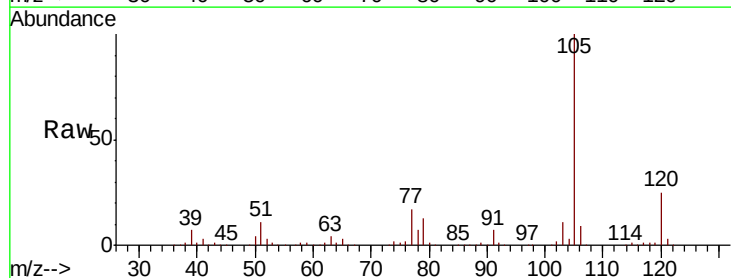
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

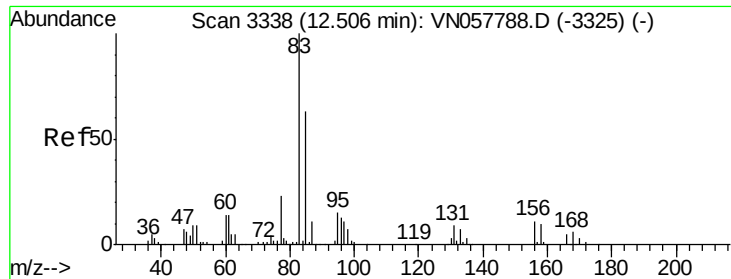
Tgt Ion:104 Resp: 287356
Ion Ratio Lower Upper
104 100
78 53.5 41.5 62.3
103 56.0 44.8 67.2



#70
Isopropylbenzene
Concen: 20.335 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion:105 Resp: 469650
Ion Ratio Lower Upper
105 100
120 25.3 17.6 32.6

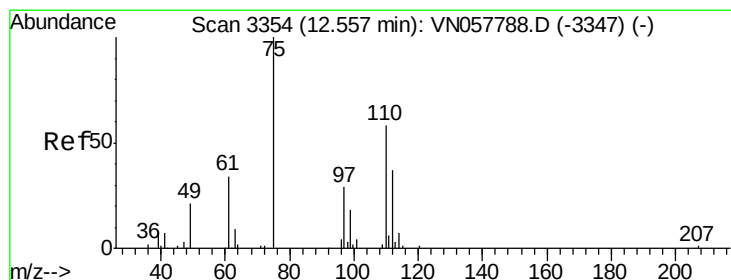
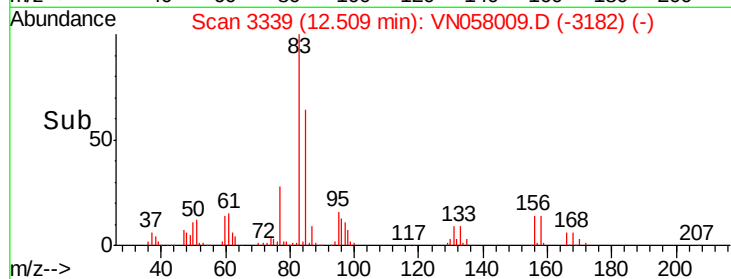
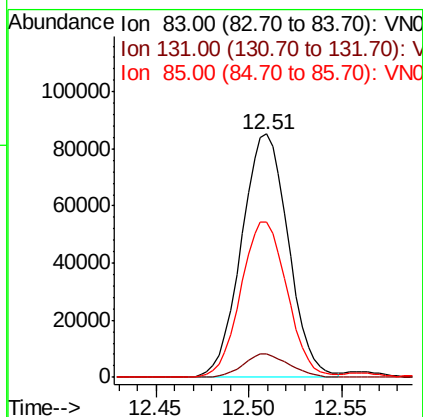
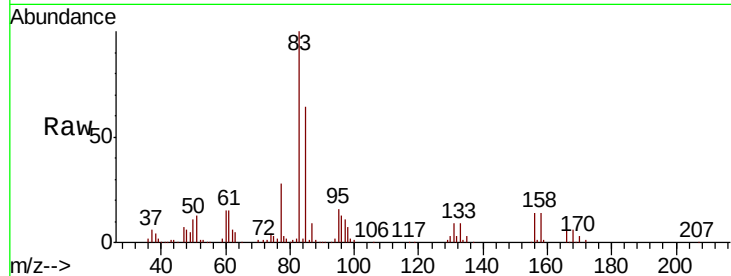




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.708 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

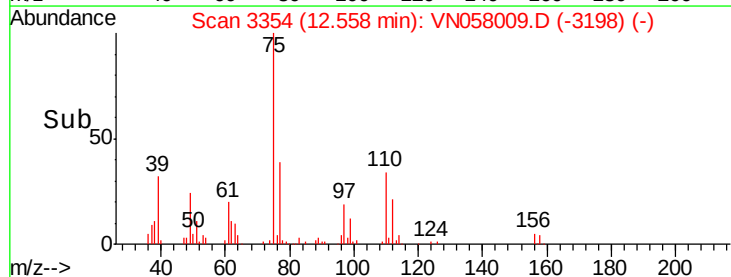
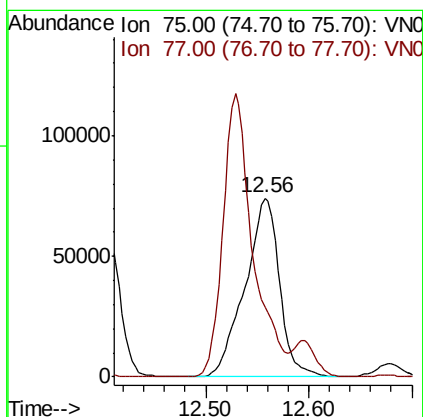
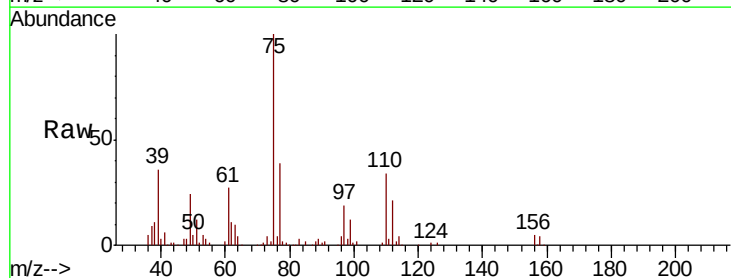
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS01

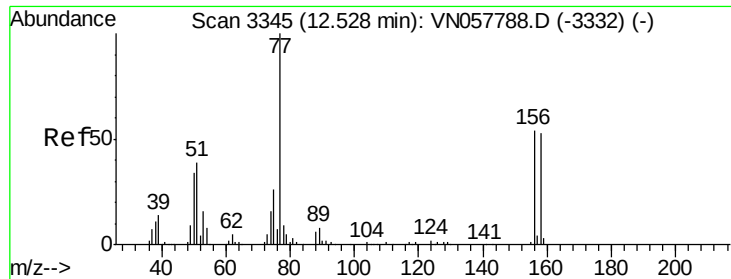
Tgt Ion: 83 Resp: 149468
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.9 14.6
 85 63.1 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 26.913 ug/l
 RT: 12.56 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 75 Resp: 172416
 Ion Ratio Lower Upper
 75 100
 77 137.8 0.0 351.6





#73

Bromobenzene

Concen: 19.562 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS01

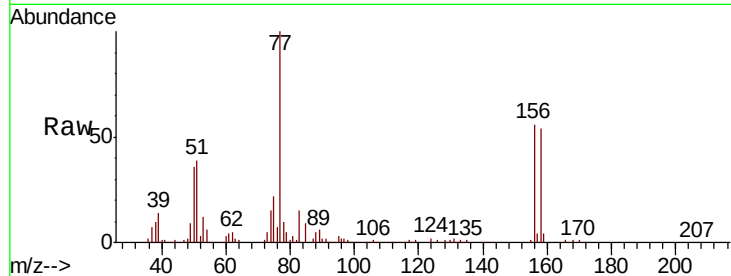
Tgt Ion:156 Resp: 108162

Ion Ratio Lower Upper

156 100

77 219.6 0.0 446.6

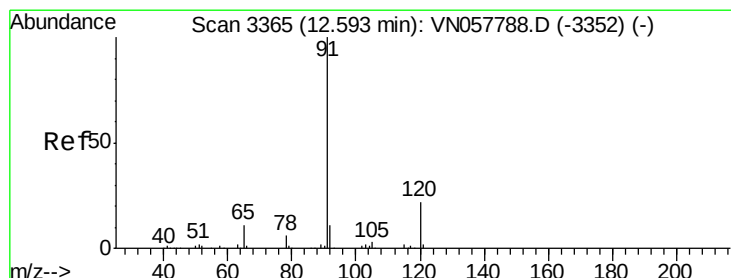
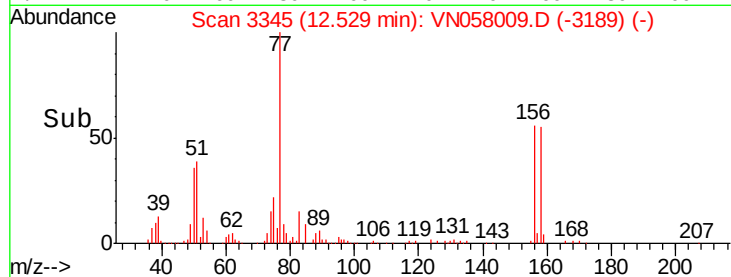
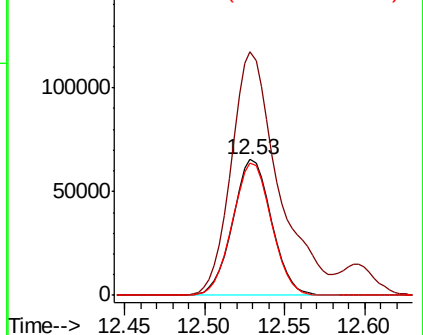
158 98.1 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.012 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058009.D

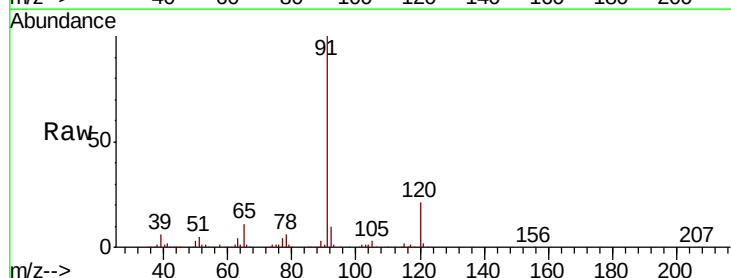
Acq: 13 Sep 2019 11:40

Tgt Ion: 91 Resp: 554449

Ion Ratio Lower Upper

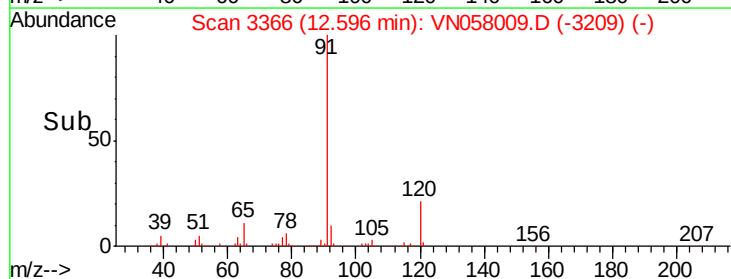
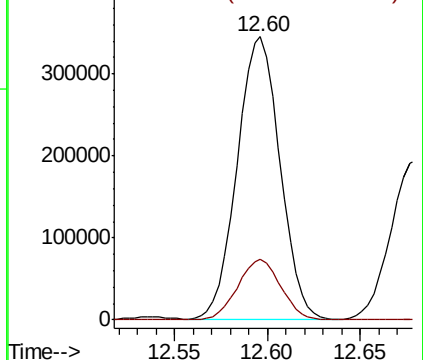
91 100

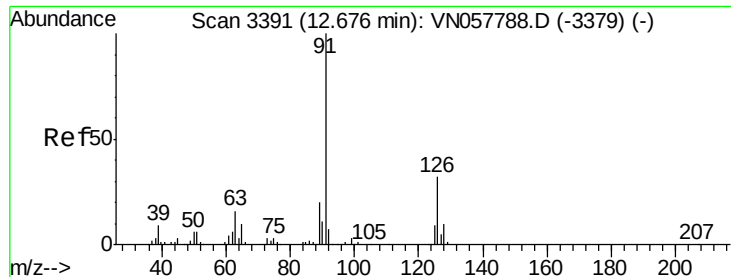
120 21.4 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.623 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

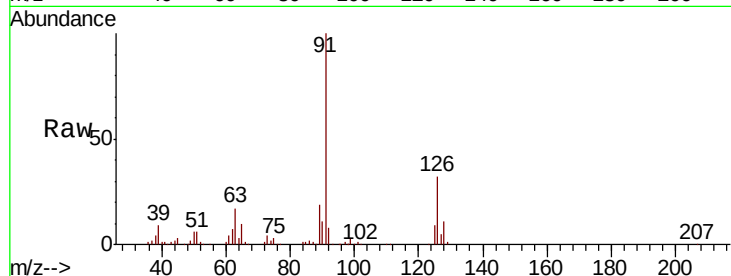
VN0914WBS01

Tgt Ion: 91 Resp: 322513

Ion Ratio Lower Upper

91 100

126 32.4 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VN057788.D (-3379) (-)

Ion 126.00 (125.70 to 126.70): VN057788.D (-3379) (-)

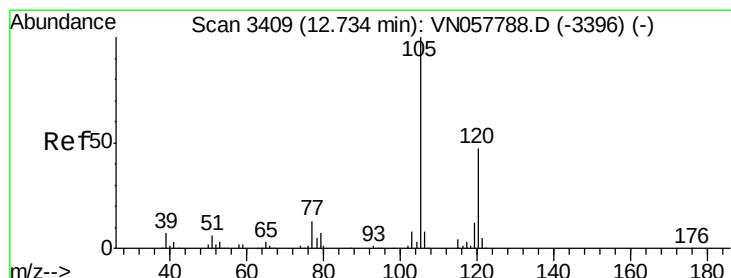
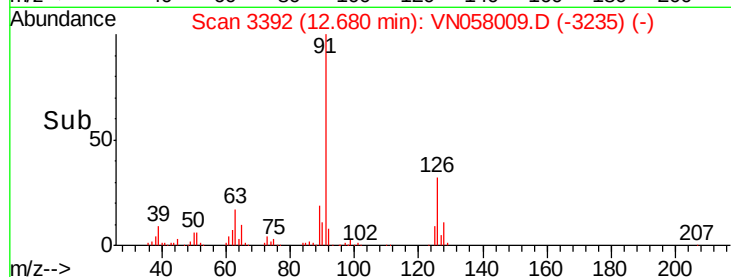
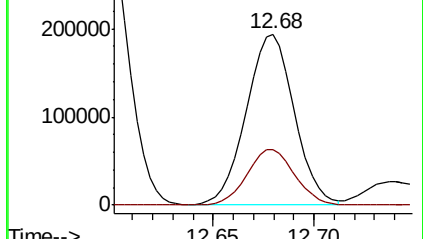
300000

200000

100000

0

12.65 12.68 12.70



#76

1,3,5-Trimethylbenzene

Concen: 20.188 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058009.D

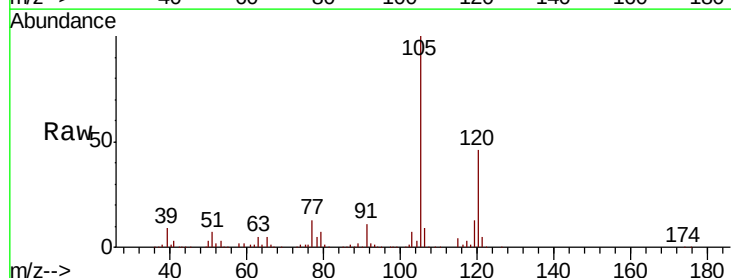
Acq: 13 Sep 2019 11:40

Tgt Ion: 105 Resp: 397037

Ion Ratio Lower Upper

105 100

120 47.1 0.0 94.4



Abundance Ion 105.00 (104.70 to 105.70): VN057788.D (-3396) (-)

Ion 120.00 (119.70 to 120.70): VN057788.D (-3396) (-)

300000

250000

200000

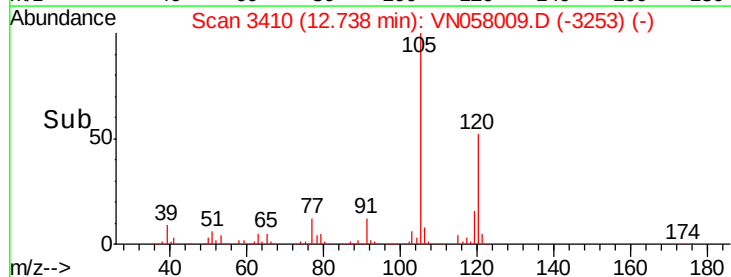
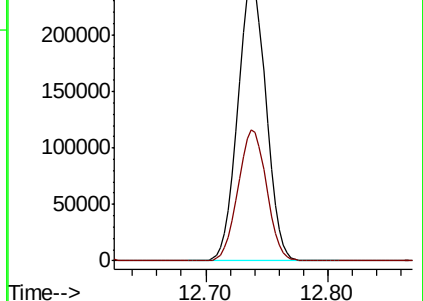
150000

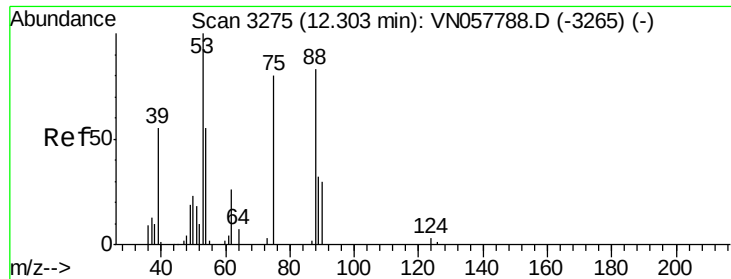
100000

50000

0

12.70 12.74 12.80

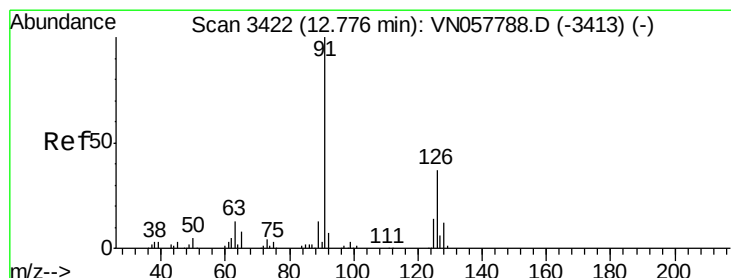
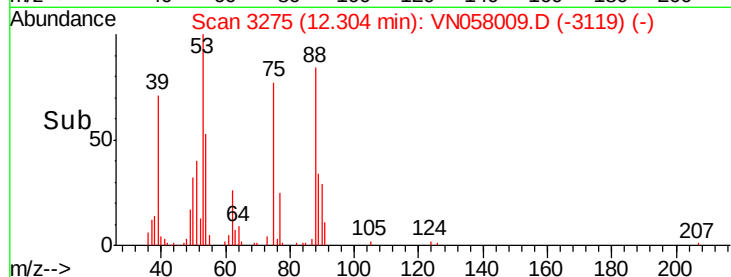
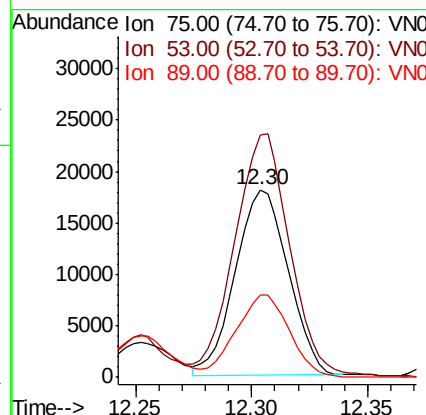
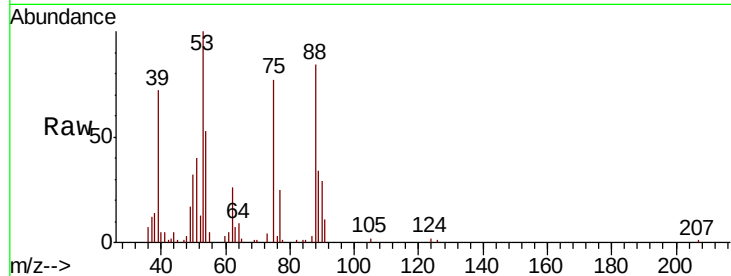




#77
t-1,4-Dichloro-2-butene
Concen: 15.006 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

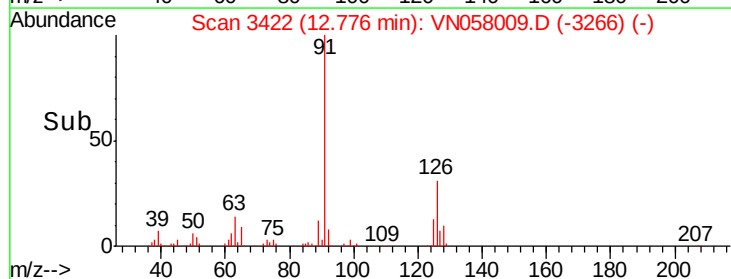
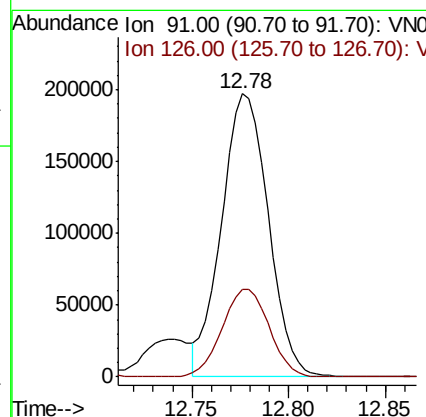
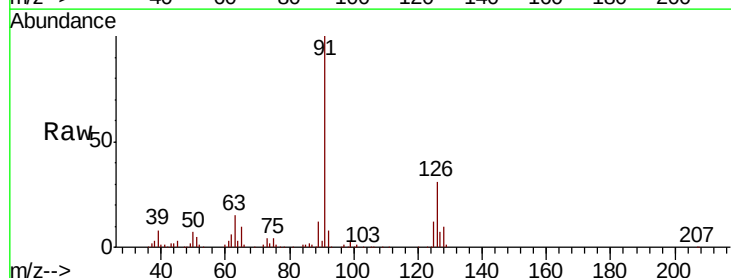
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

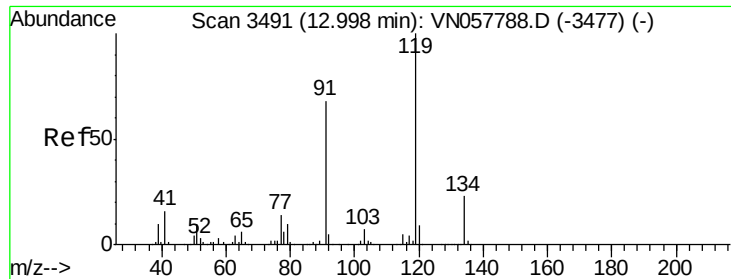
Tgt Ion: 75 Resp: 28520
Ion Ratio Lower Upper
75 100
53 128.4 62.7 188.2
89 44.3 22.8 68.3



#78
4-Chlorotoluene
Concen: 19.650 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion: 91 Resp: 329425
Ion Ratio Lower Upper
91 100
126 31.3 0.0 65.2

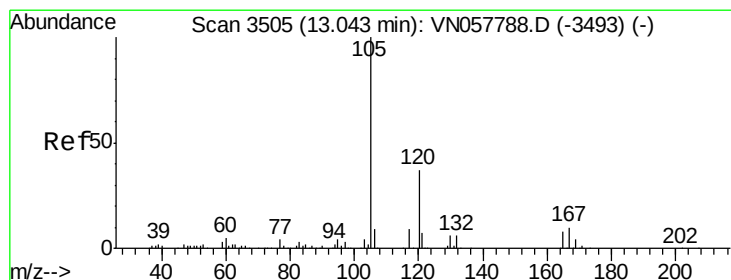
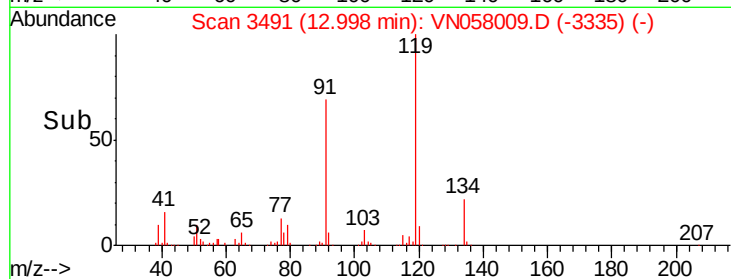
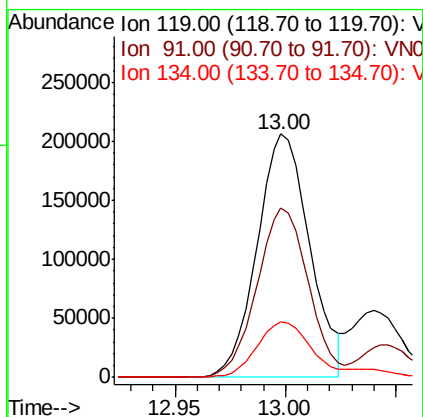
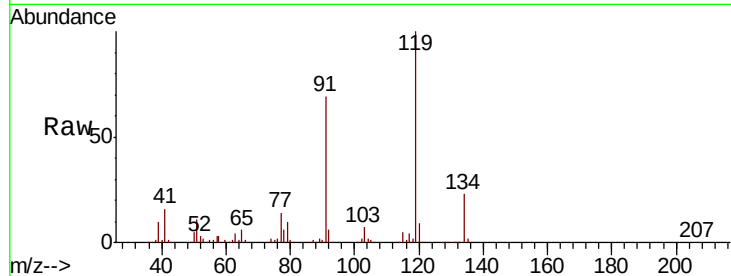




#79
tert-butylbenzene
Concen: 19.782 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

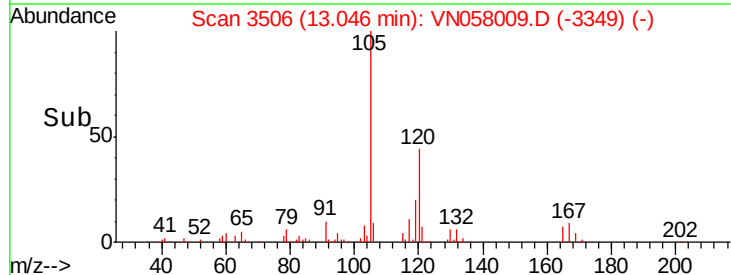
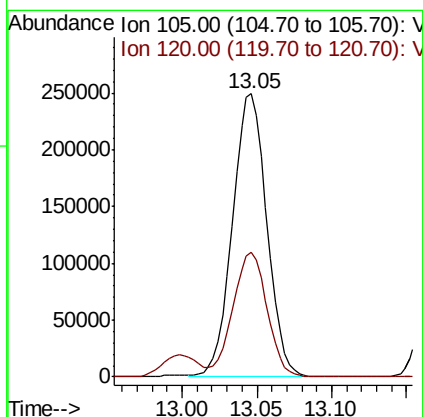
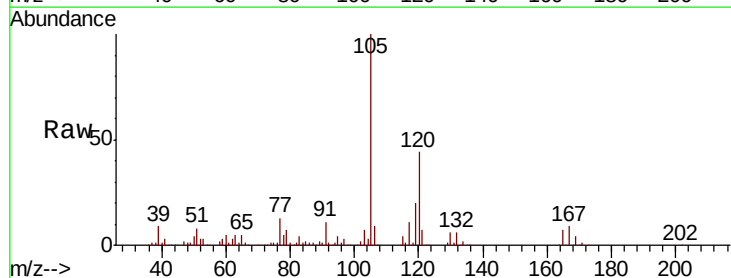
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

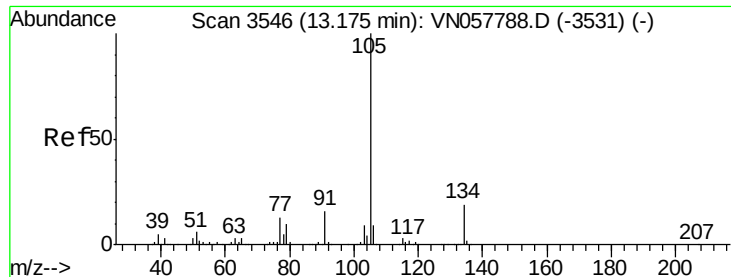
Tgt Ion:119 Resp: 339406
Ion Ratio Lower Upper
119 100
91 68.3 0.0 133.8
134 23.5 0.0 46.4



#80
1,2,4-Trimethylbenzene
Concen: 20.250 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058009.D
Acq: 13 Sep 2019 11:40

Tgt Ion:105 Resp: 396809
Ion Ratio Lower Upper
105 100
120 44.0 0.0 87.8

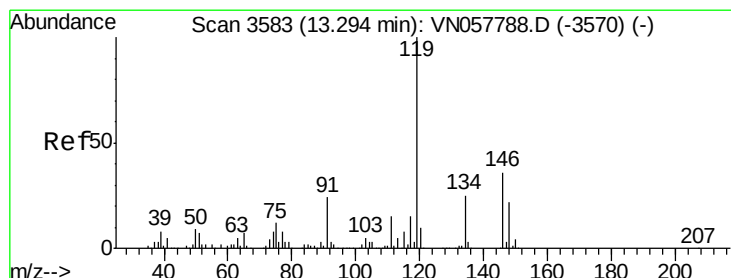
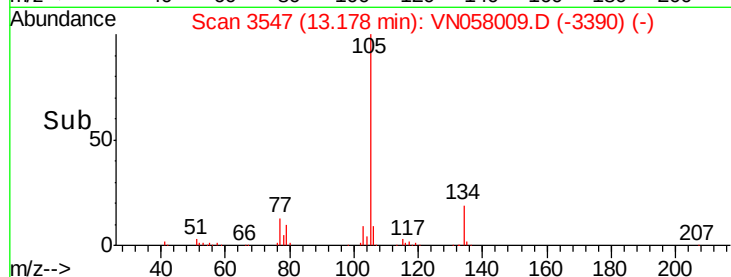
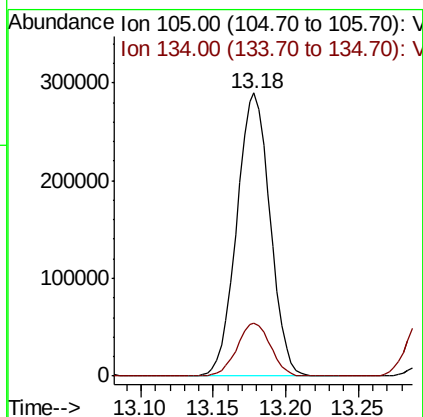
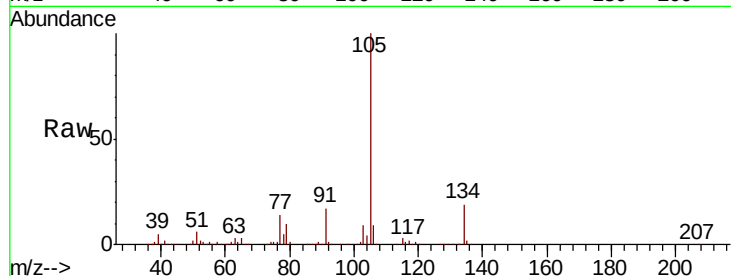




#81
 sec-Butylbenzene
 Concen: 20.273 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

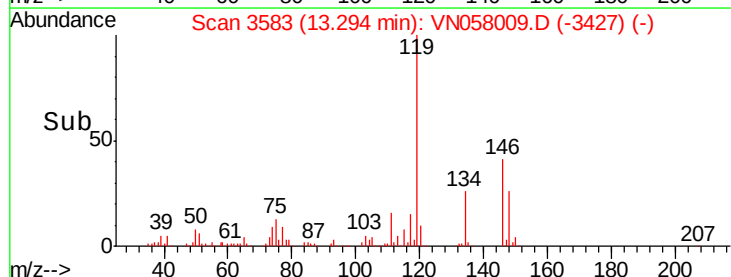
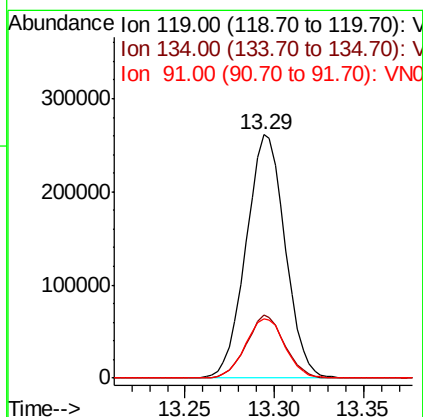
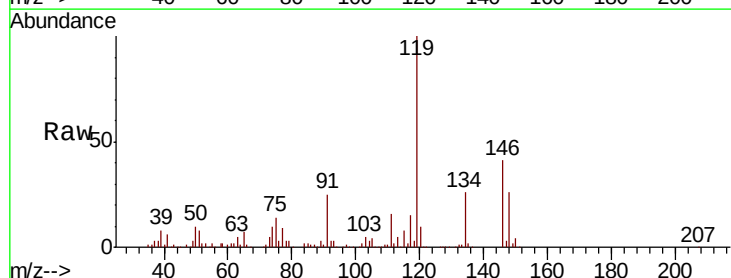
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

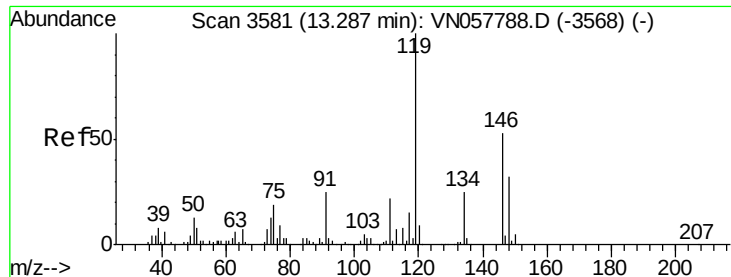
Tgt Ion:105 Resp: 461499
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 19.570 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion:119 Resp: 398968
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 50.4
 91 24.9 0.0 48.8

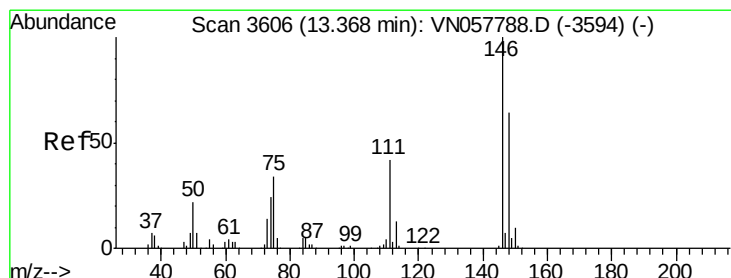
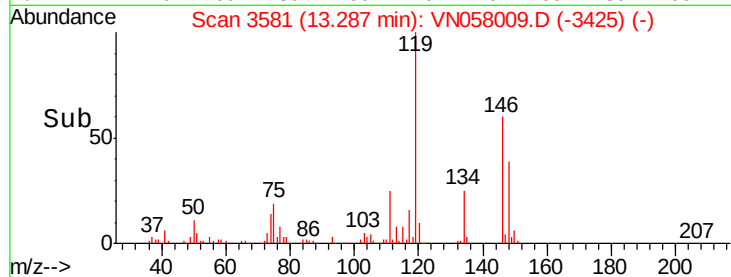
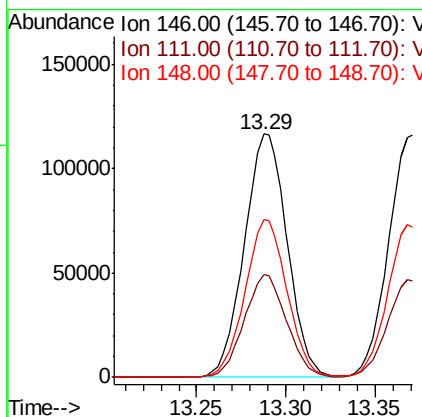
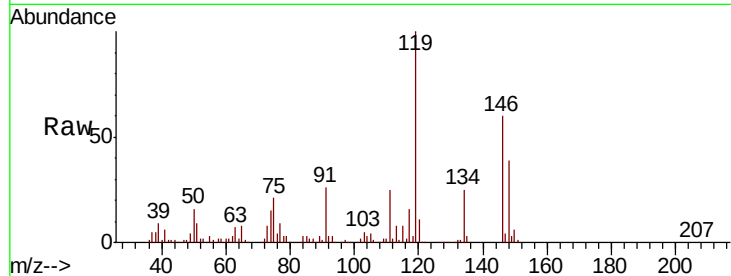




#83
 1,3-Dichlorobenzene
 Concen: 19.068 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

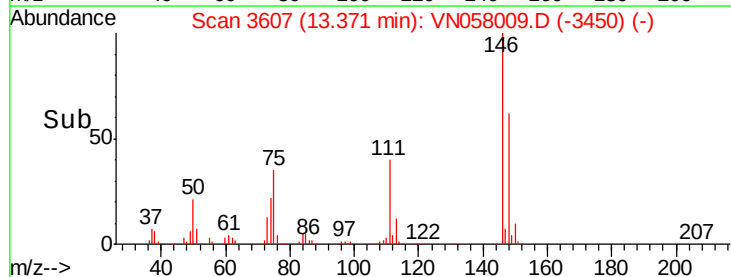
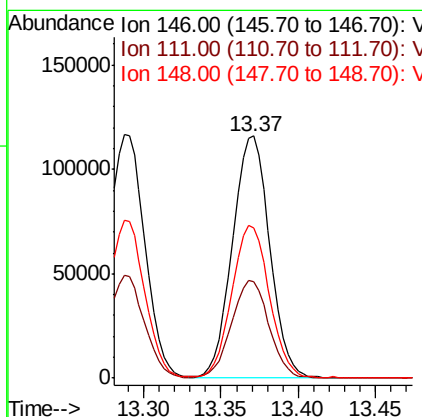
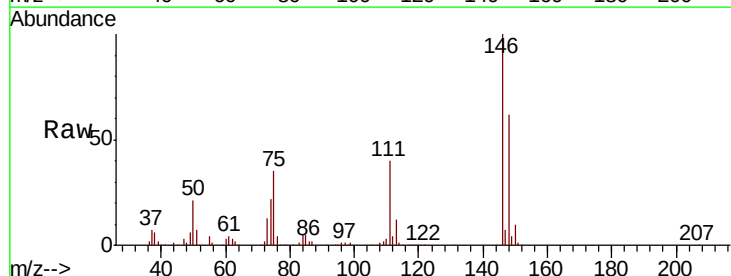
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

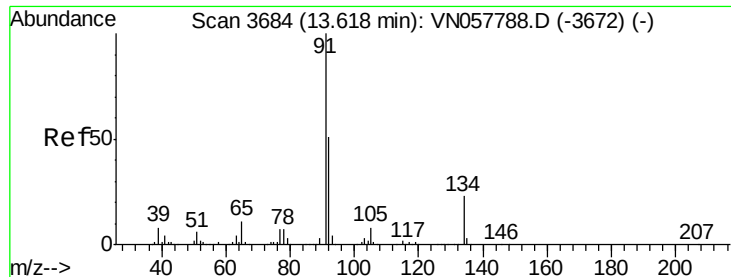
Tgt Ion:146 Resp: 195973
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 63.5 30.9 92.5



#84
 1,4-Dichlorobenzene
 Concen: 19.096 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion:146 Resp: 193224
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.1 63.4
 148 63.9 31.7 95.1





#85

n-Butylbenzene

Concen: 18.905 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

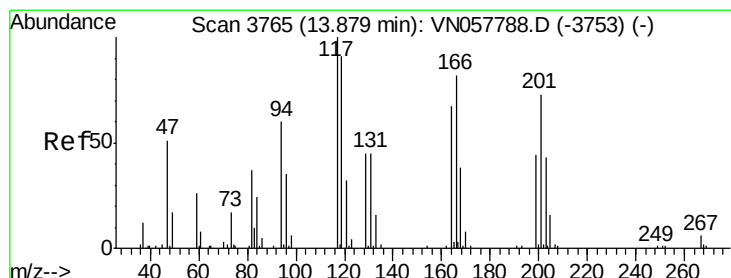
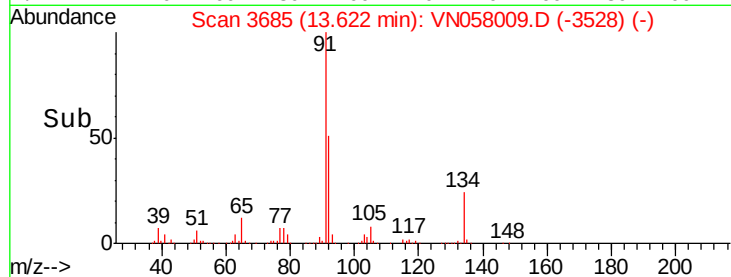
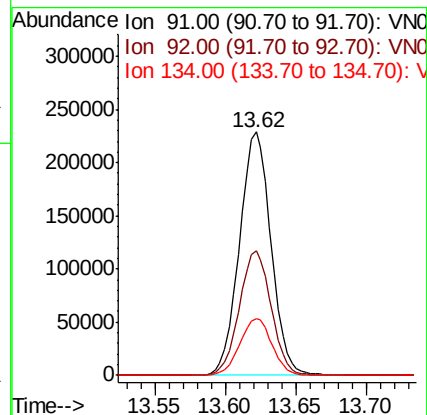
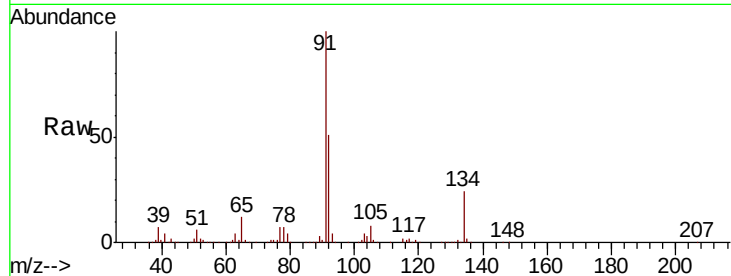
Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion:	91	Resp:	359187
Ion	Ratio	Lower	Upper
91	100		
92	51.6	0.0	100.0
134	23.8	0.0	46.6



#86

Hexachloroethane

Concen: 16.720 ug/l

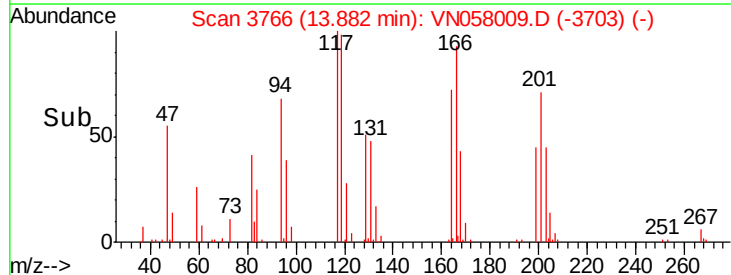
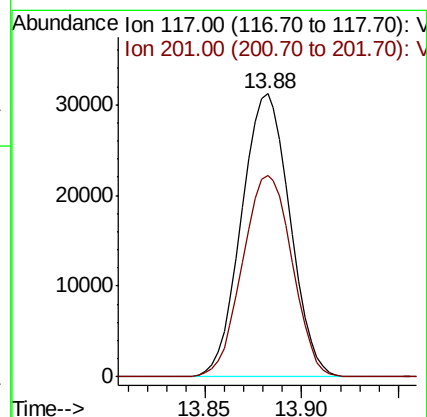
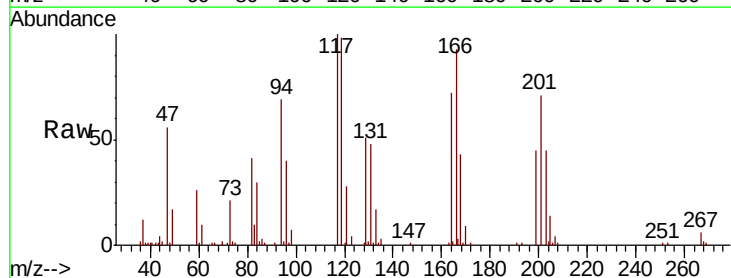
RT: 13.88 min Scan# 3766

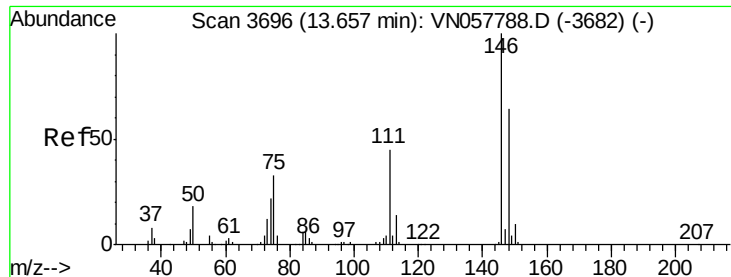
Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Tgt Ion:	117	Resp:	54293
Ion	Ratio	Lower	Upper
117	100		
201	73.0	36.7	110.1

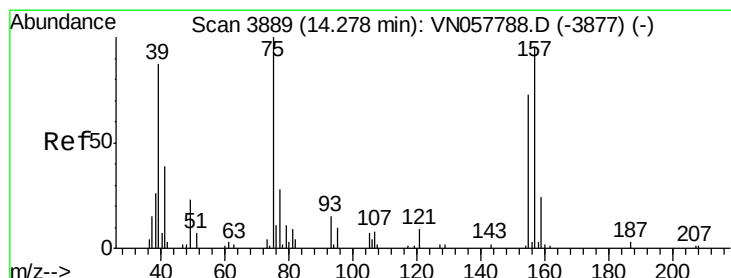
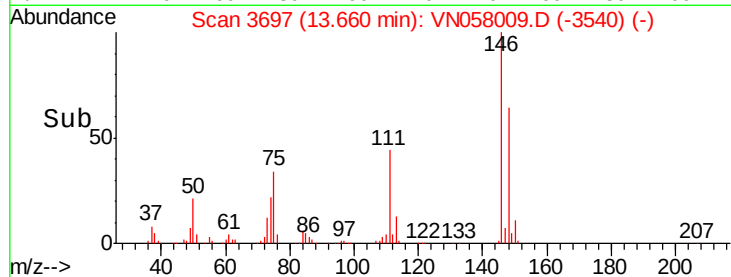
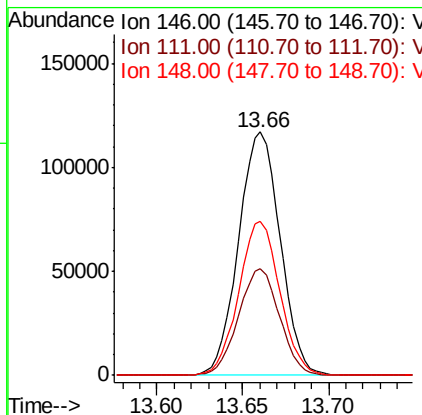
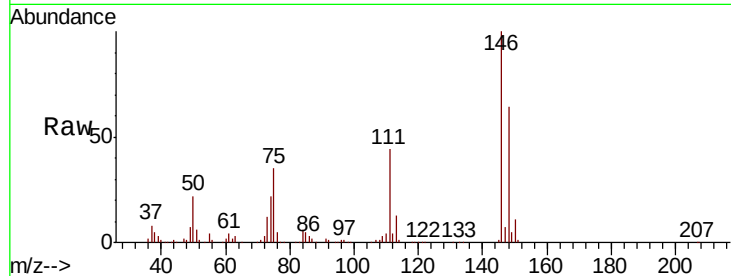




#87
 1,2-Dichlorobenzene
 Concen: 19.711 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

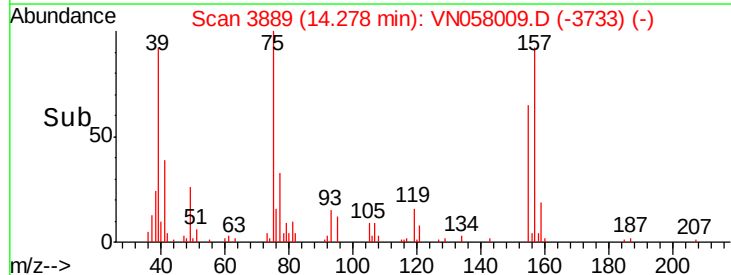
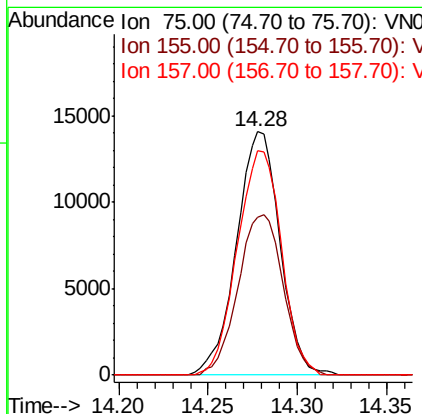
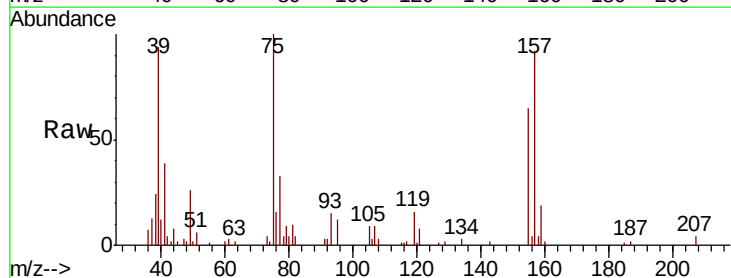
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

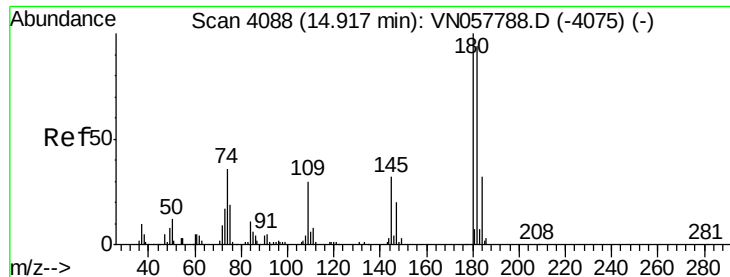
Tgt Ion: 146 Resp: 196646
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.2 66.6
 148 62.6 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.786 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion: 75 Resp: 23875
 Ion Ratio Lower Upper
 75 100
 155 68.4 59.4 89.2
 157 93.4 74.6 112.0

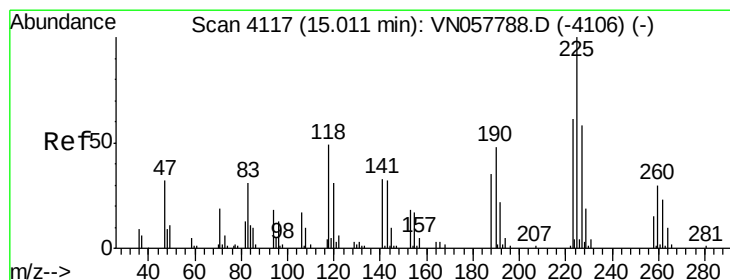
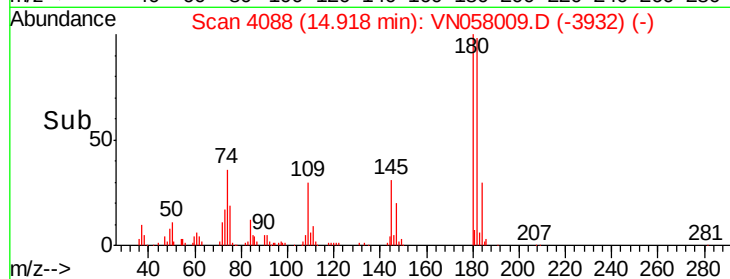
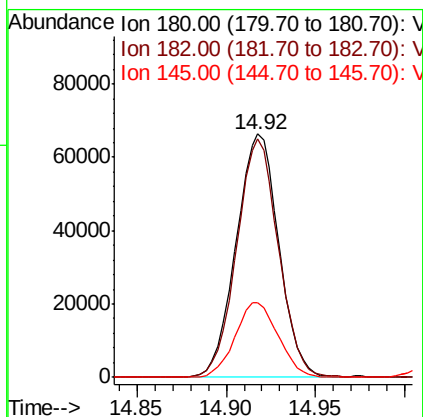
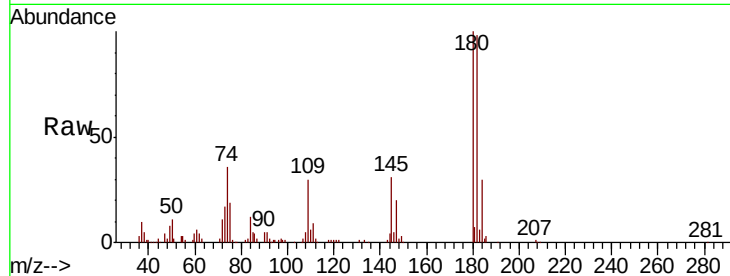




#89
 1,2,4-Trichlorobenzene
 Concen: 18.153 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

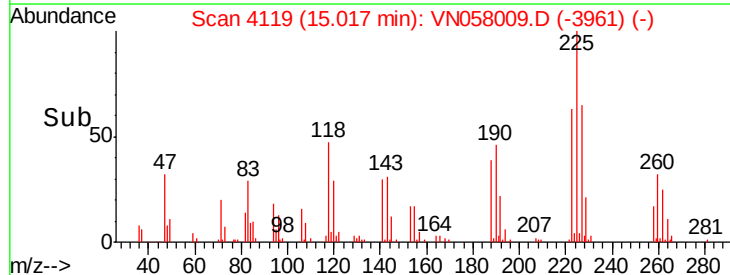
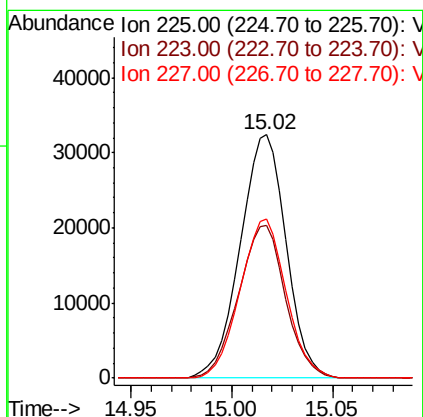
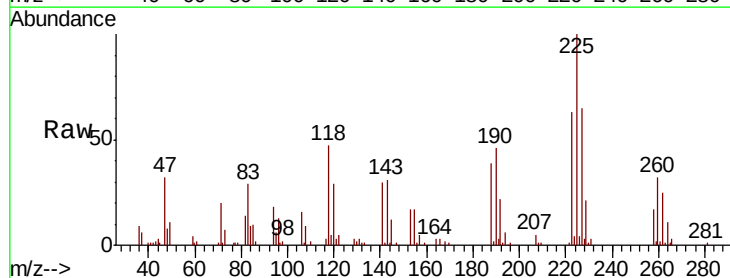
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

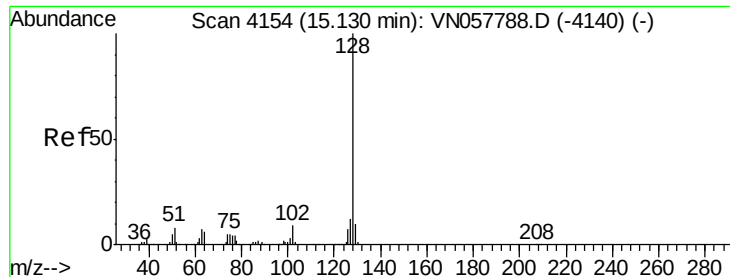
Tgt Ion:180 Resp: 110631
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.4
 145 31.1 26.1 39.1



#90
 Hexachlorobutadiene
 Concen: 18.489 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.01 min
 Lab File: VN058009.D
 Acq: 13 Sep 2019 11:40

Tgt Ion:225 Resp: 51748
 Ion Ratio Lower Upper
 225 100
 223 64.1 0.0 125.0
 227 65.3 0.0 123.8





#91

Naphthalene

Concen: 18.556 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

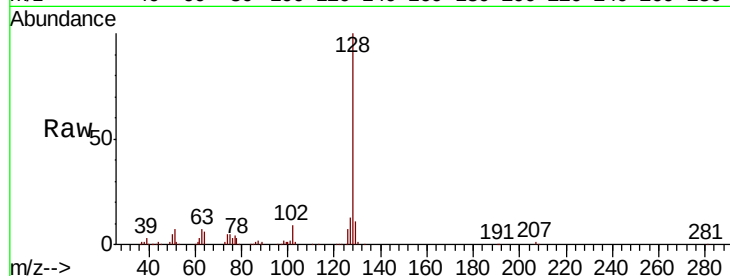
Tgt Ion:128 Resp: 311148

Ion Ratio Lower Upper

128 100

127 12.8 9.9 14.9

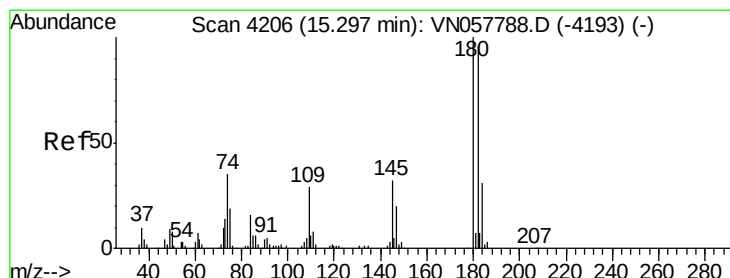
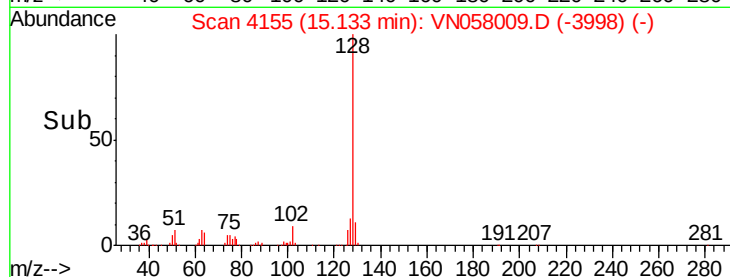
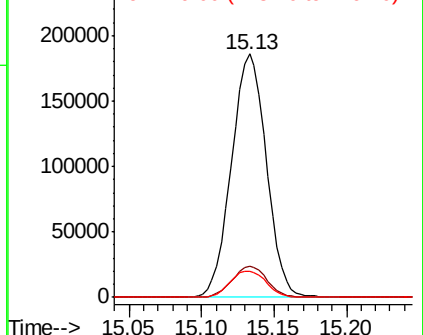
129 11.1 8.1 12.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.838 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058009.D

Acq: 13 Sep 2019 11:40

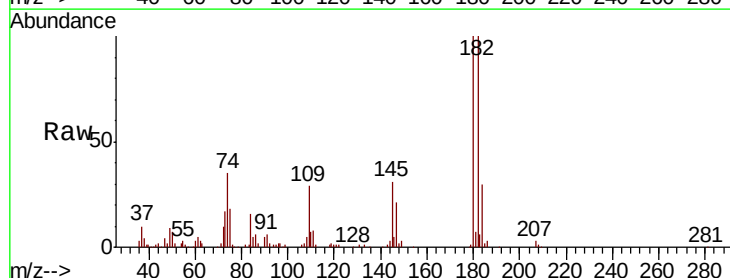
Tgt Ion:180 Resp: 109484

Ion Ratio Lower Upper

180 100

182 97.3 0.0 189.8

145 31.4 0.0 65.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

