

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062994.D
 Acq On : 18 Aug 2020 19:05
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 19 05:48:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	182691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	279591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	113700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	12147	5.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.22%	
35) Dibromofluoromethane	7.55	113	9743	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
50) Toluene-d8	10.06	98	35161	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
62) 4-Bromofluorobenzene	12.38	95	11141	4.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.02%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	8347	3.859	ug/l 99
3) Chloromethane	2.04	50	9916	3.959	ug/l 97
4) Vinyl Chloride	2.16	62	10437	4.308	ug/l 99
5) Bromomethane	2.51	94	6364	4.426	ug/l 96
6) Chloroethane	2.66	64	6316	4.416	ug/l 94
7) Trichlorofluoromethane	2.98	101	13785	4.563	ug/l 89
8) Diethyl Ether	3.37	74	5407	5.059	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	9032	5.548	ug/l 95
10) Methyl Iodide	3.91	142	9021	4.372	ug/l 100
11) Tert butyl alcohol	4.73	59	8396	27.376	ug/l # 89
12) 1,1-Dichloroethene	3.70	96	8151	5.256	ug/l 93
13) Acrolein	3.57	56	5511	57.359	ug/l 100
14) Allyl chloride	4.28	41	13729	5.021	ug/l 98
15) Acrylonitrile	4.94	53	22360	24.805	ug/l 99
16) Acetone	3.78	43	18964	25.720	ug/l 95
17) Carbon Disulfide	4.01	76	18780	4.624	ug/l 96
18) Methyl Acetate	4.28	43	10671	4.959	ug/l 95
19) Methyl tert-butyl Ether	5.00	73	24569	4.543	ug/l 97
20) Methylene Chloride	4.50	84	12783	5.258	ug/l 89
21) trans-1,2-Dichloroethene	4.98	96	8312	5.122	ug/l 92
22) Diisopropyl ether	5.90	45	30218	4.870	ug/l # 82
23) Vinyl Acetate	5.85	43	109647	26.187	ug/l 100
24) 1,1-Dichloroethane	5.80	63	17492	5.045	ug/l 99
25) 2-Butanone	6.79	43	27628	24.034	ug/l 99
26) 2,2-Dichloropropane	6.77	77	14107	5.173	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	10360	5.093	ug/l 96
28) Bromochloromethane	7.16	49	9191	5.066	ug/l # 97
29) Tetrahydrofuran	7.17	42	17362	23.402	ug/l 98
30) Chloroform	7.33	83	18569	5.318	ug/l 98
31) Cyclohexane	7.62	56	15386	4.821	ug/l # 72
32) 1,1,1-Trichloroethane	7.53	97	14720	5.163	ug/l 98
36) 1,1-Dichloropropene	7.76	75	12153	4.932	ug/l 97
37) Ethyl Acetate	6.89	43	11833	5.113	ug/l 96
38) Carbon Tetrachloride	7.74	117	12882	5.179	ug/l 100

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 Data File : VN062994.D
 Acq On : 18 Aug 2020 19:05
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 19 05:48:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	11648	4.001	ug/l	97
40) Benzene	8.00	78	39480	5.052	ug/l	99
41) Methacrylonitrile	7.12	41	3669	3.335	ug/l #	75
42) 1,2-Dichloroethane	8.09	62	13693	5.218	ug/l	95
43) Isopropyl Acetate	8.13	43	19329	5.054	ug/l	98
44) Trichloroethene	8.80	130	9654	4.966	ug/l	96
45) 1,2-Dichloropropane	9.09	63	11150	4.936	ug/l	96
46) Dibromomethane	9.18	93	6952	5.327	ug/l	97
47) Bromodichloromethane	9.37	83	14424	5.047	ug/l	99
48) Methyl methacrylate	9.17	41	8728	4.823	ug/l	92
49) 1,4-Dioxane	9.17	88	3364	95.362	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	56539	23.386	ug/l	96
52) Toluene	10.12	92	22698	4.815	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	13596	4.600	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	15082	4.652	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	9697	4.811	ug/l	98
56) Ethyl methacrylate	10.40	69	11454	4.208	ug/l	95
57) 1,3-Dichloropropane	10.68	76	16152	4.826	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	13732	21.049	ug/l	98
59) 2-Hexanone	10.73	43	37554	22.269	ug/l	94
60) Dibromochloromethane	10.87	129	11117	4.984	ug/l	99
61) 1,2-Dibromoethane	10.98	107	9342	4.823	ug/l	95
64) Tetrachloroethene	10.61	164	8916	5.110	ug/l	95
65) Chlorobenzene	11.41	112	25823	4.844	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	9815	4.734	ug/l	95
67) Ethyl Benzene	11.49	91	40960	4.548	ug/l	99
68) m/p-Xylenes	11.60	106	29347	8.766	ug/l	100
69) o-Xylene	11.92	106	13943	4.337	ug/l	99
70) Styrene	11.94	104	22857	4.143	ug/l	98
71) Bromoform	12.10	173	7976	4.833	ug/l #	95
73) Isopropylbenzene	12.23	105	36752	4.720	ug/l	99
74) N-amyl acetate	12.05	43	12569	4.507	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	14847	5.344	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	16941	7.565	ug/l #	100
77) Bromobenzene	12.50	156	10722	5.007	ug/l	97
78) n-propylbenzene	12.57	91	42058	4.739	ug/l	100
79) 2-Chlorotoluene	12.65	91	27187	4.870	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	29708	4.616	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	3713	4.614	ug/l	92
82) 4-Chlorotoluene	12.75	91	27372	4.816	ug/l	99
83) tert-Butylbenzene	12.97	119	25465	4.584	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	28137	4.487	ug/l	100
85) sec-Butylbenzene	13.15	105	35714	4.757	ug/l	99
86) p-Isopropyltoluene	13.27	119	28923	4.421	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	17729	4.817	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	17821	4.771	ug/l	93
89) n-Butylbenzene	13.59	91	23359	4.231	ug/l	97
90) Hexachloroethane	13.85	117	6966	5.010	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	17677	4.973	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1956	4.988	ug/l	97

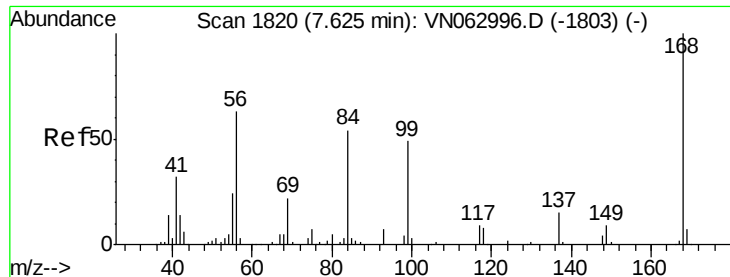
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
Data File : VN062994.D
Acq On : 18 Aug 2020 19:05
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Aug 19 05:48:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	5284	3.402	ug/l	97
94) Hexachlorobutadiene	14.99	225	6574	5.004	ug/l	98
95) Naphthalene	15.10	128	10852	3.132	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	5520	3.539	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

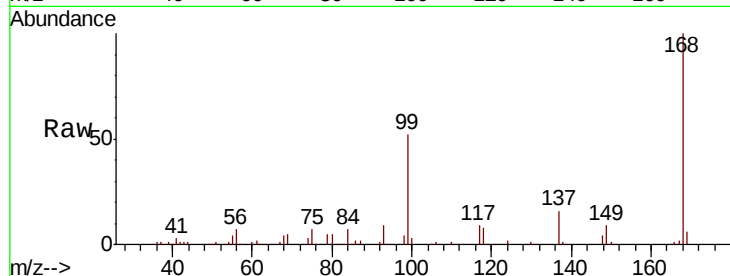
VSTDIC005

Tot Ion:168 Resp: 182691

Ion Ratio Lower Upper

168 100

99 51.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

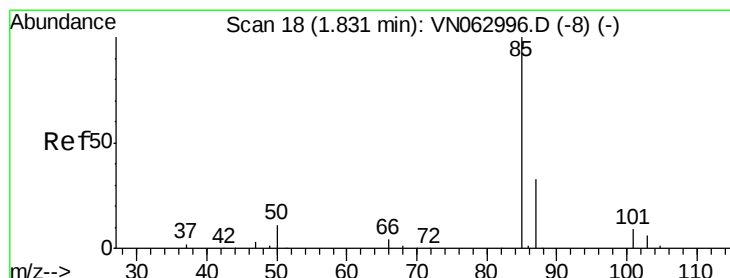
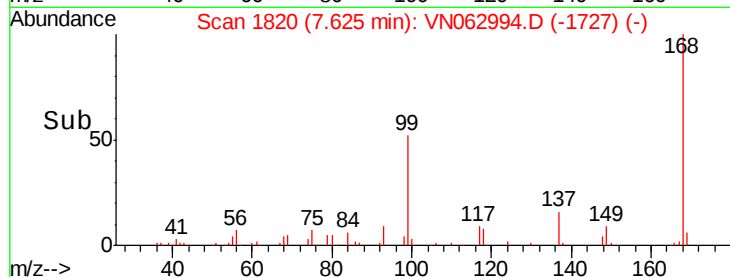
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 3.859 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062994.D

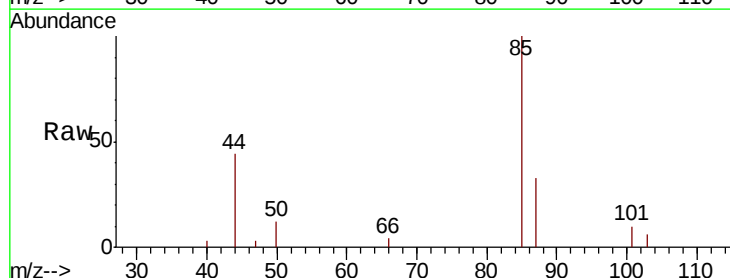
Acq: 18 Aug 2020 19:05

Tgt Ion: 85 Resp: 8347

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

6000

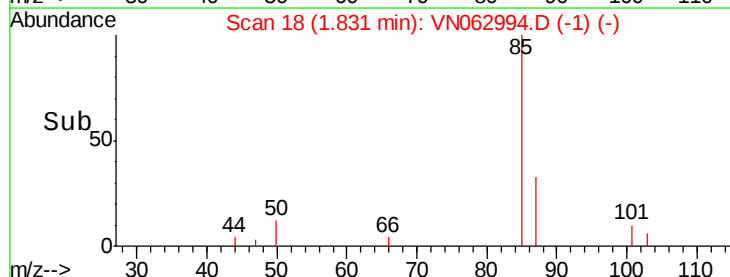
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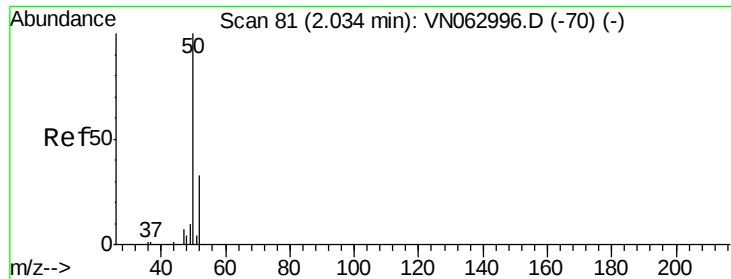
2000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 3.959 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

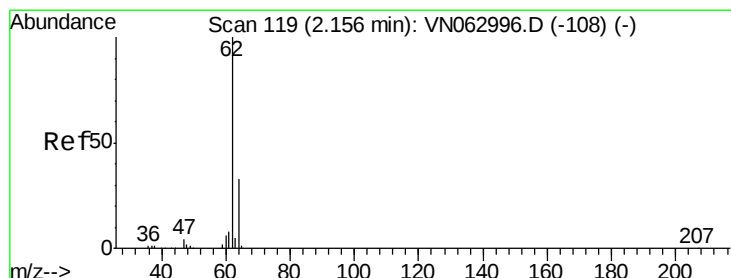
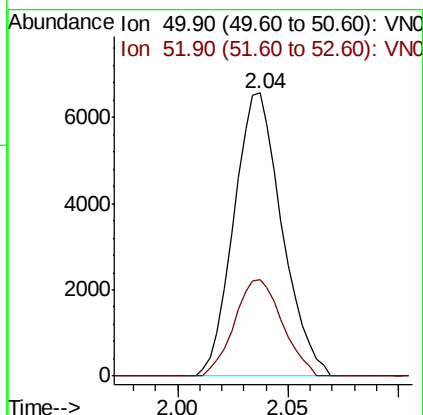
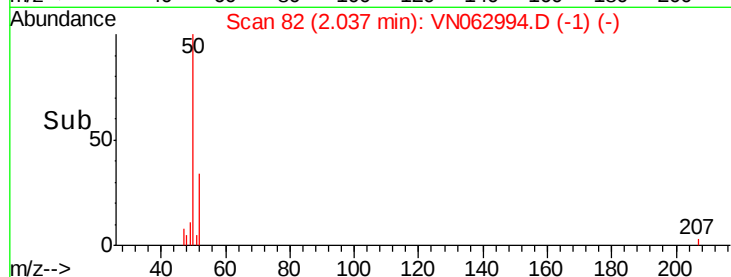
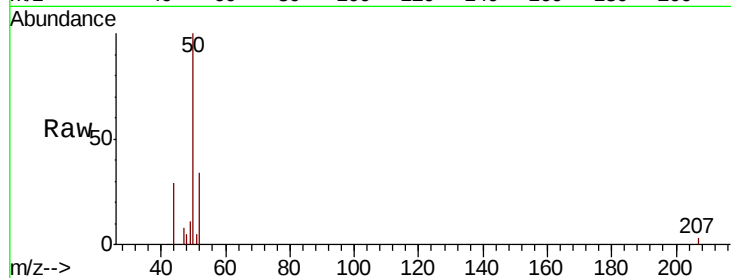
VSTDIC005

Tot Ion: 50 Resp: 9916

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 4.308 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062994.D

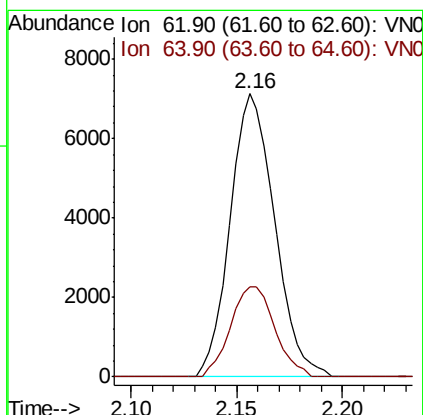
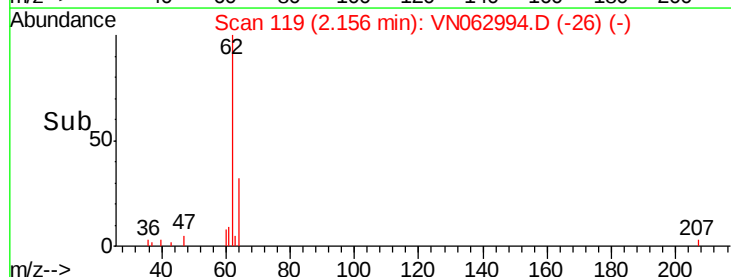
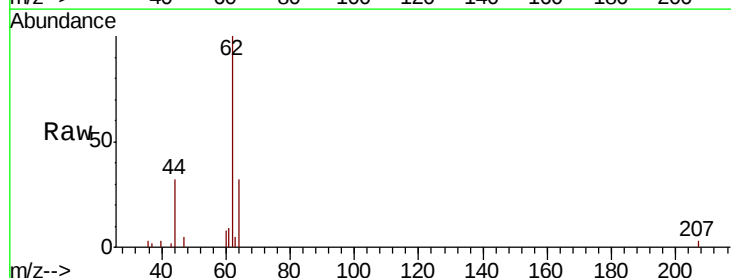
Acq: 18 Aug 2020 19:05

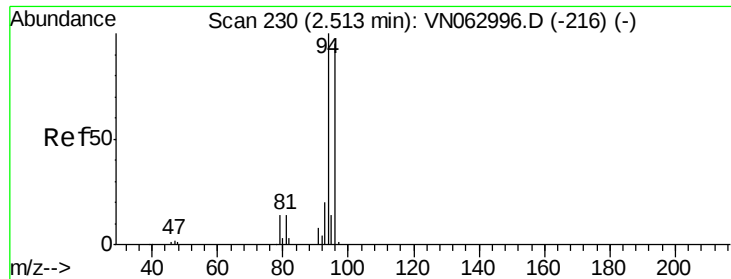
Tgt Ion: 62 Resp: 10437

Ion Ratio Lower Upper

62 100

64 32.0 26.2 39.2





#5

Bromomethane

Concen: 4.426 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

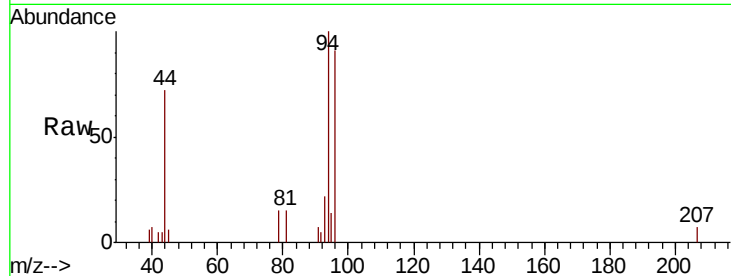
VSTDIC005

Tot Ion: 94 Resp: 6364

Ion Ratio Lower Upper

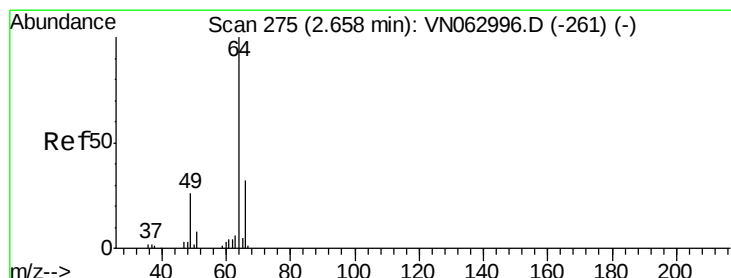
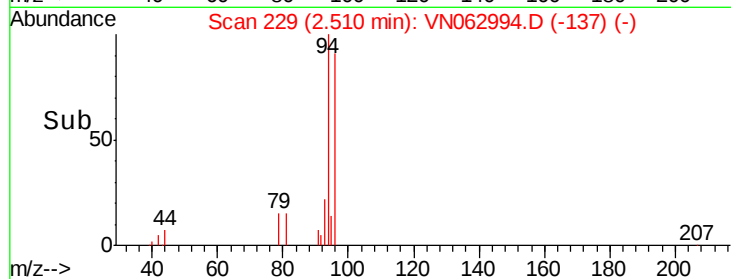
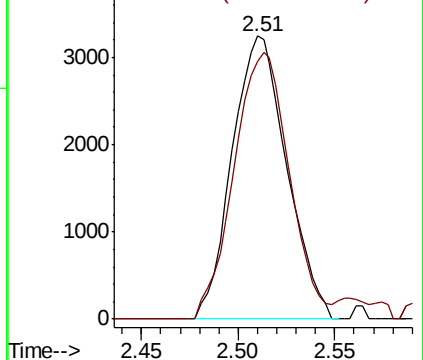
94 100

96 91.0 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 4.416 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.00 min

Lab File: VN062994.D

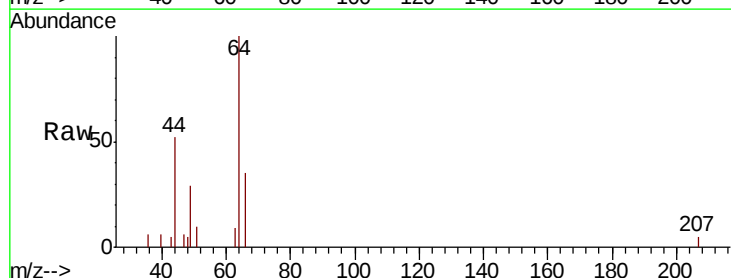
Acq: 18 Aug 2020 19:05

Tgt Ion: 64 Resp: 6316

Ion Ratio Lower Upper

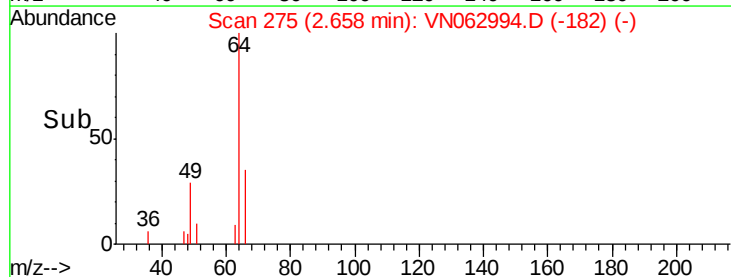
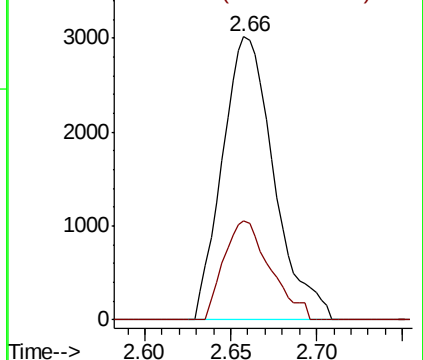
64 100

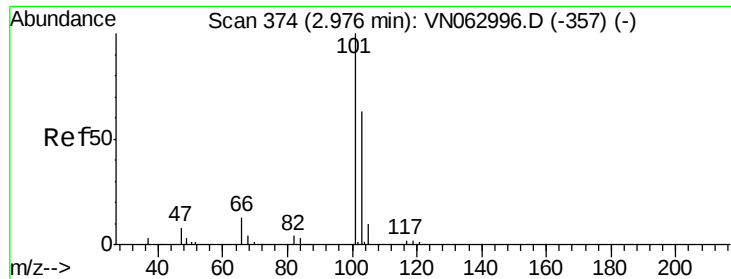
66 35.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



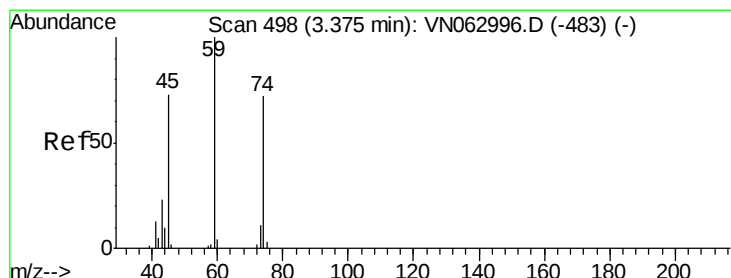
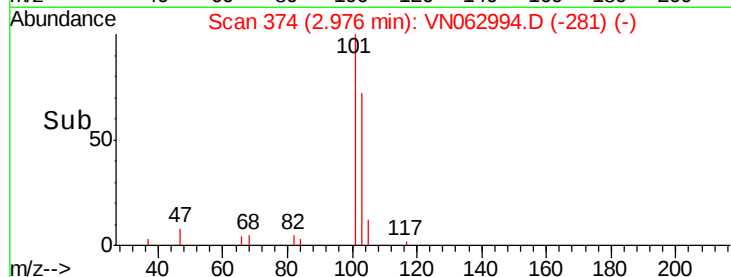
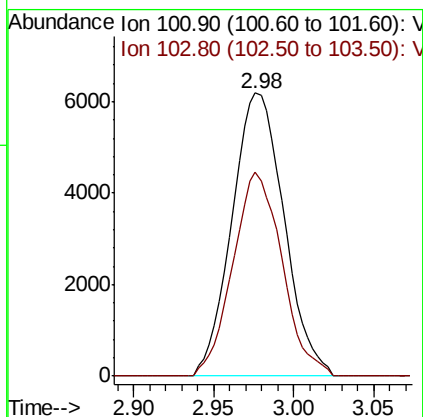
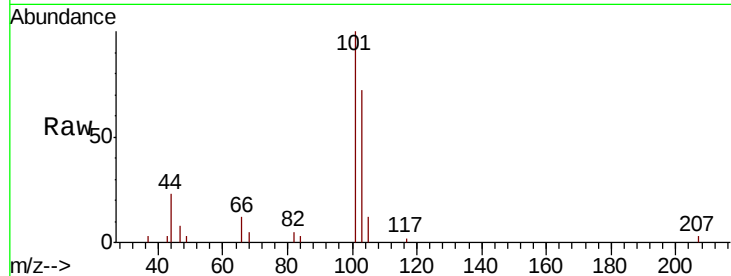


#7

Trichlorofluoromethane
 Concen: 4.563 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

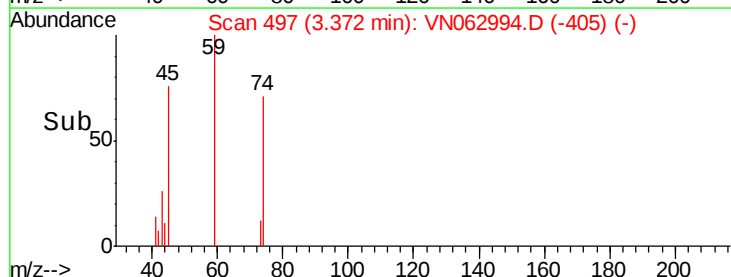
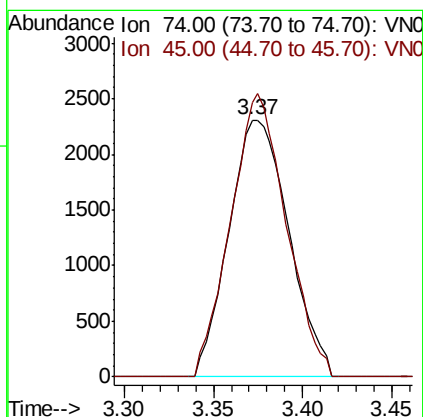
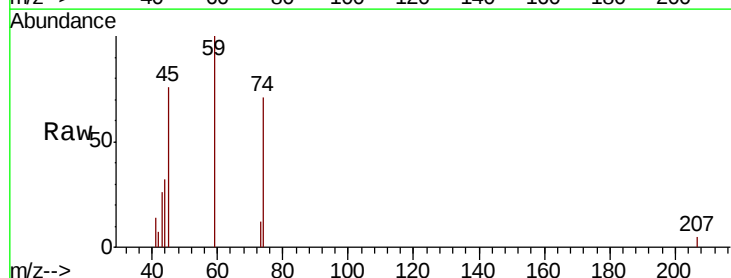
Tot Ion:101 Resp: 13785
 Ion Ratio Lower Upper
 101 100
 103 71.9 50.5 75.7

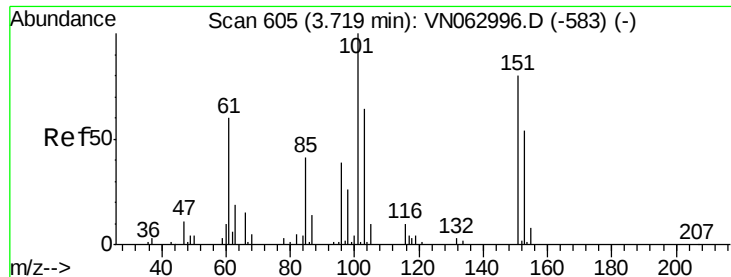


#8

Diethyl Ether
 Concen: 5.059 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 74 Resp: 5407
 Ion Ratio Lower Upper
 74 100
 45 101.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.548 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

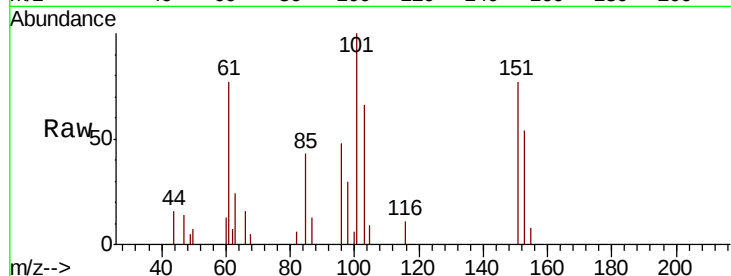
Tot Ion:101 Resp: 9032

Ion Ratio Lower Upper

101 100

85 40.6 34.0 51.0

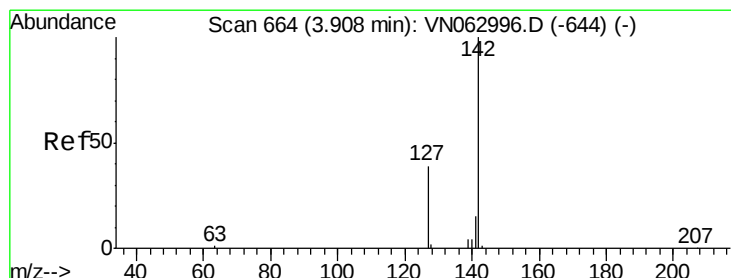
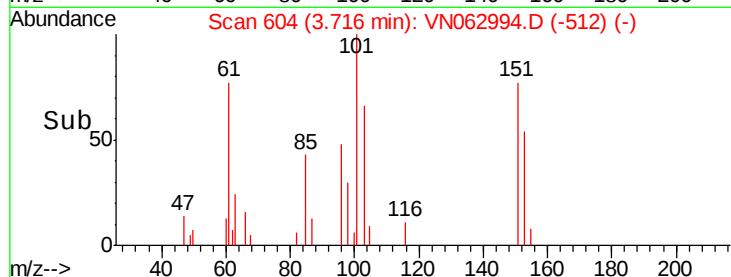
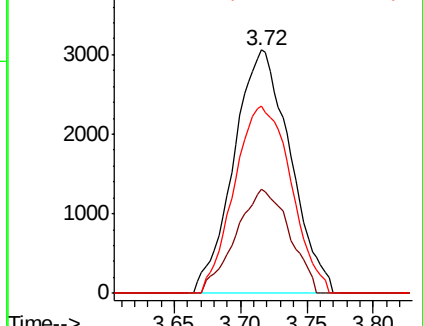
151 77.4 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.372 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

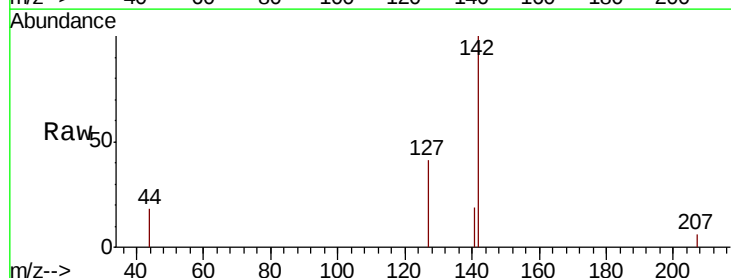
Tgt Ion:142 Resp: 9021

Ion Ratio Lower Upper

142 100

127 40.7 32.2 48.4

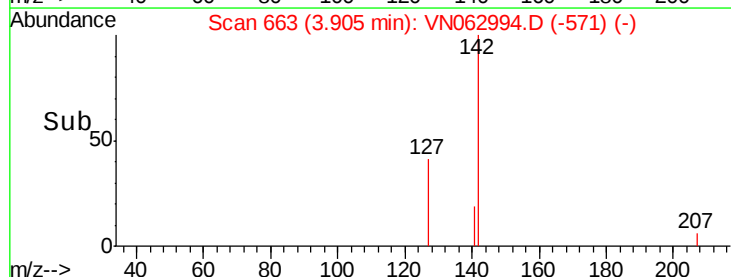
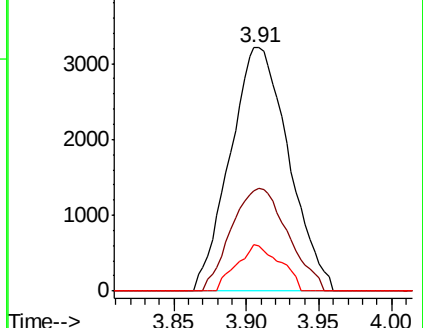
141 14.1 11.3 16.9

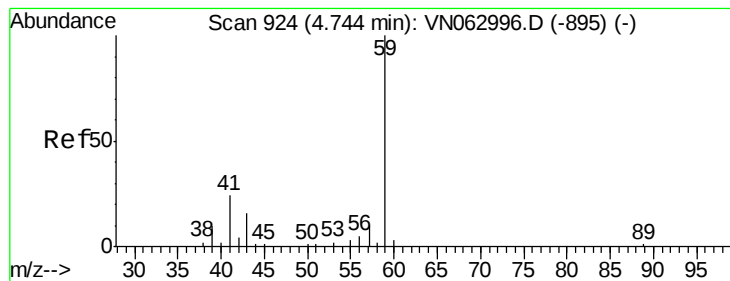


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



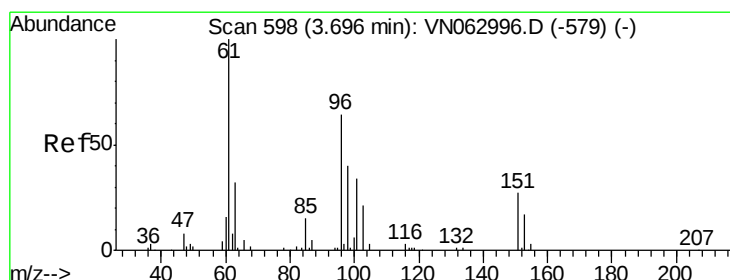
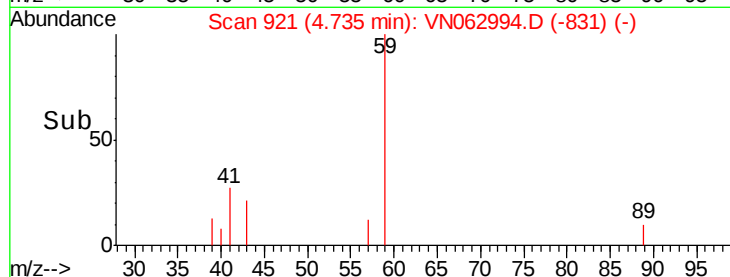
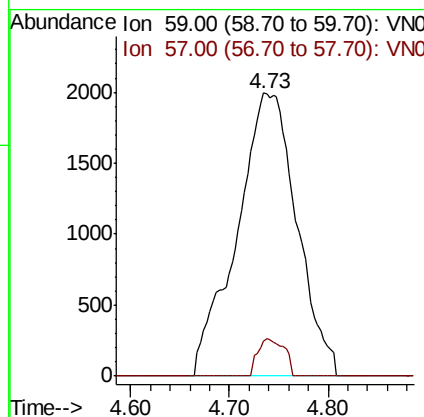
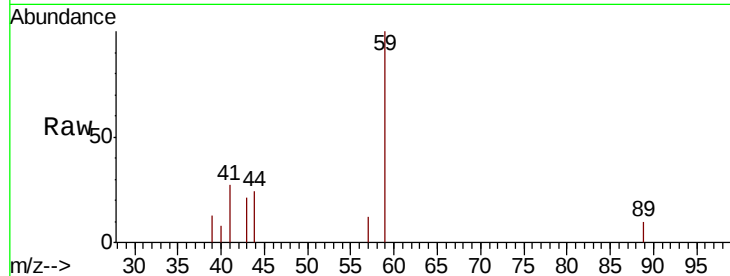


#11

Tert butyl alcohol
 Concen: 27.376 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

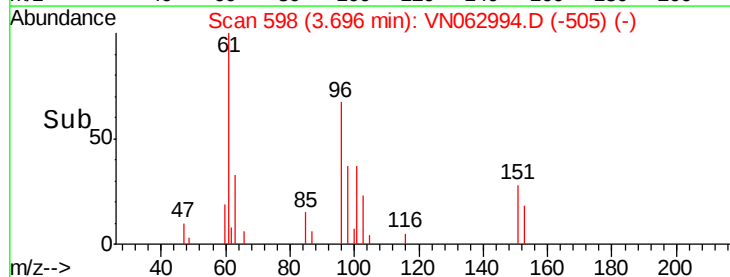
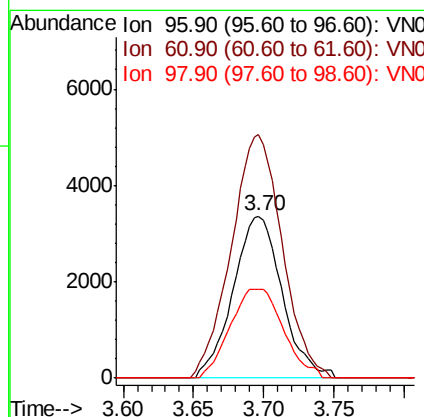
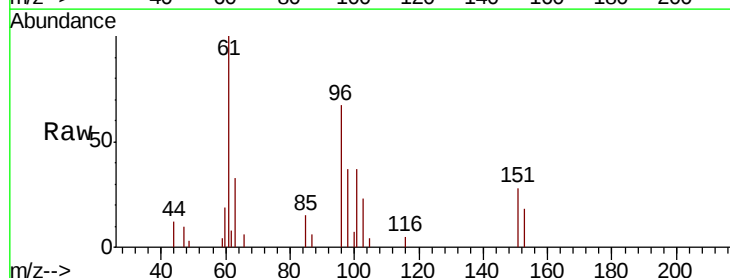
Tot Ion: 59 Resp: 8396
 Ion Ratio Lower Upper
 59 100
 57 5.8 7.8 11.6#

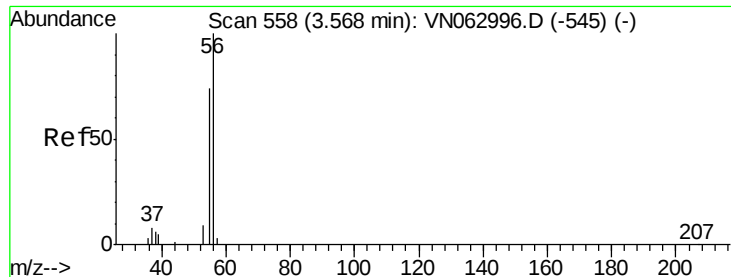


#12

1,1-Dichloroethene
 Concen: 5.256 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 96 Resp: 8151
 Ion Ratio Lower Upper
 96 100
 61 150.4 125.5 188.3
 98 54.9 50.4 75.6





#13

Acrolein

Concen: 57.359 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

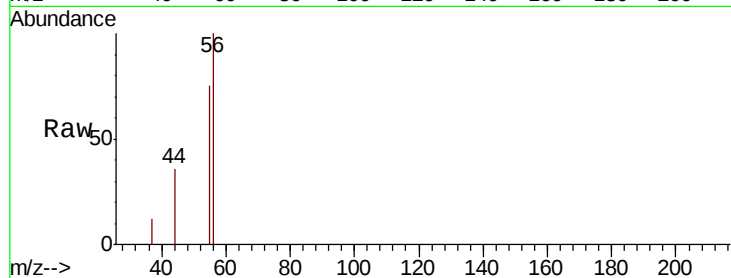
VSTDIC005

Tot Ion: 56 Resp: 5511

Ion Ratio Lower Upper

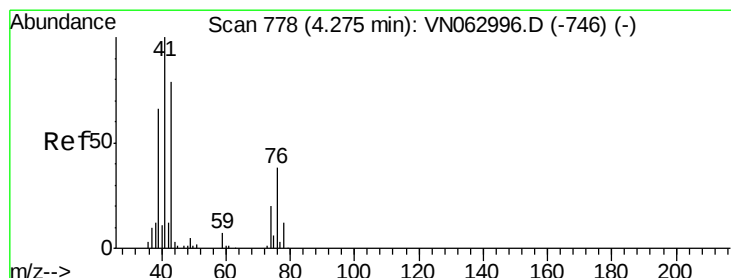
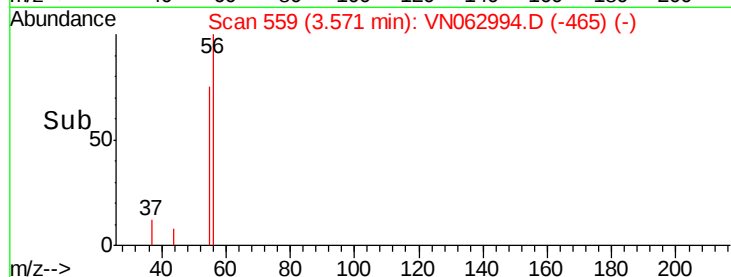
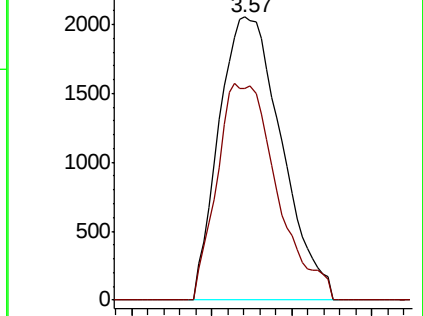
56 100

55 73.1 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN062994.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN062994.D (-545) (-)



#14

Allyl chloride

Concen: 5.021 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

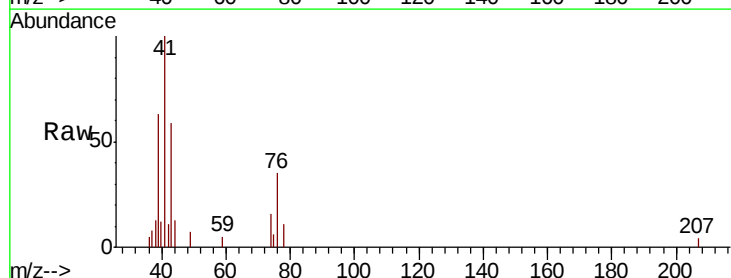
Tgt Ion: 41 Resp: 13729

Ion Ratio Lower Upper

41 100

39 62.1 47.9 71.9

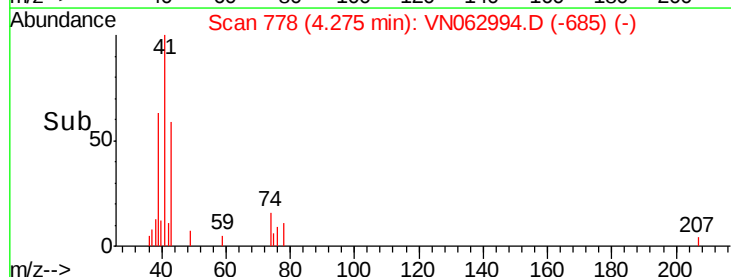
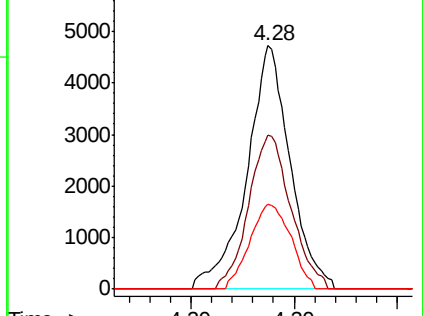
76 33.0 27.0 40.6

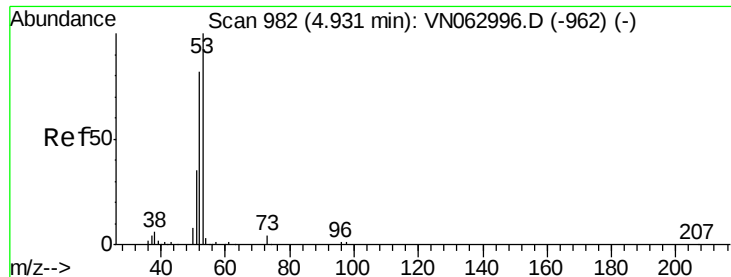


Abundance Ion 41.00 (40.70 to 41.70): VN062994.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062994.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062994.D (-685) (-)





#15

Acrylonitrile

Concen: 24.805 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

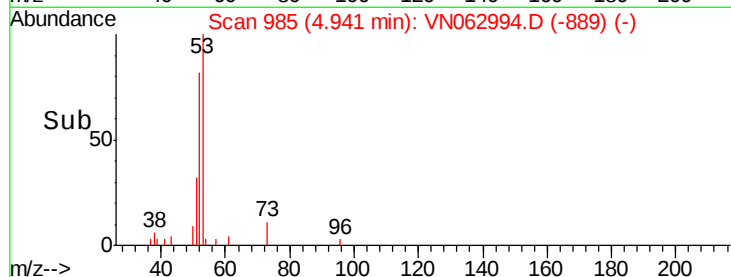
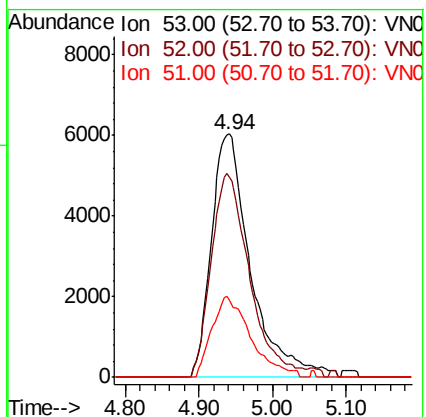
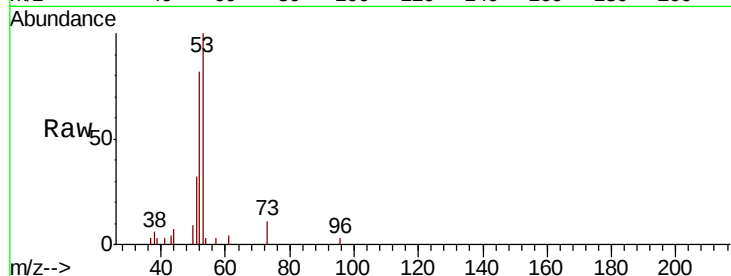
Tot Ion: 53 Resp: 22360

Ion Ratio Lower Upper

53 100

52 81.6 65.6 98.4

51 33.0 28.2 42.4



#16

Acetone

Concen: 25.720 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062994.D

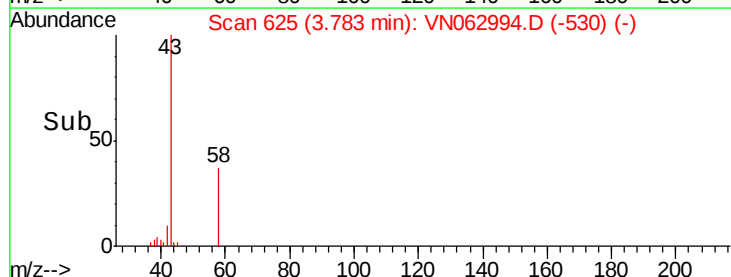
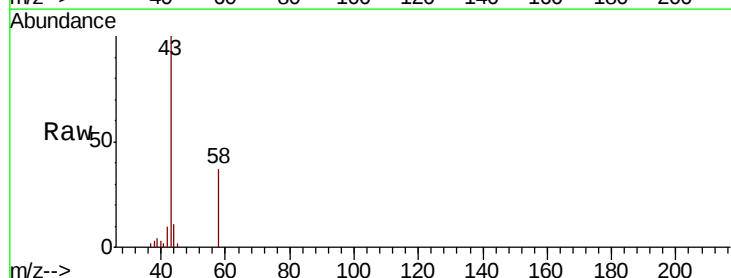
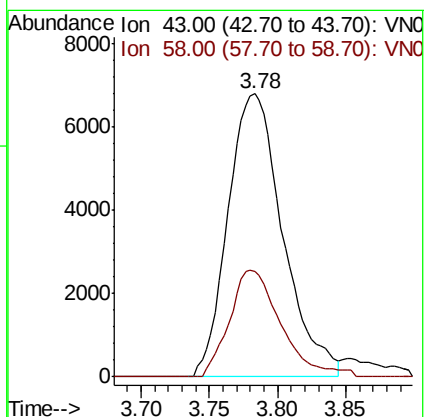
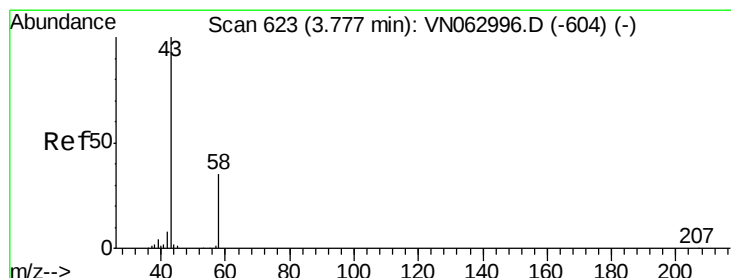
Acq: 18 Aug 2020 19:05

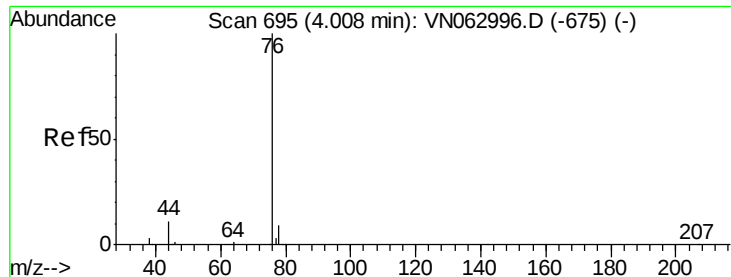
Tgt Ion: 43 Resp: 18964

Ion Ratio Lower Upper

43 100

58 37.4 27.8 41.6

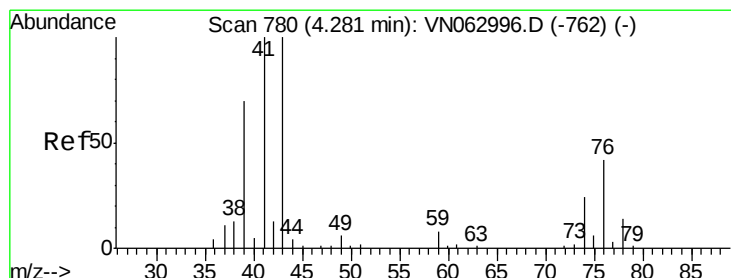
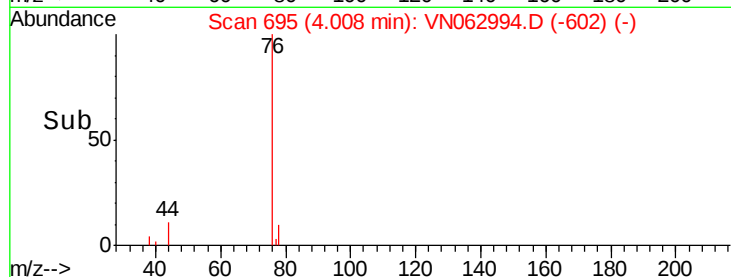
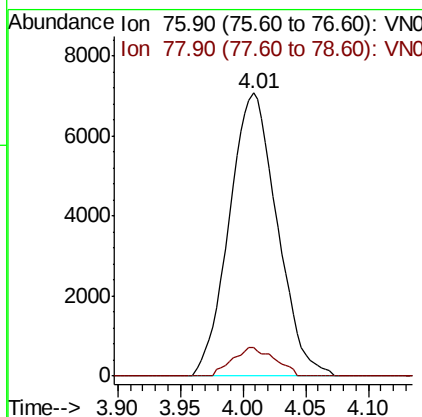
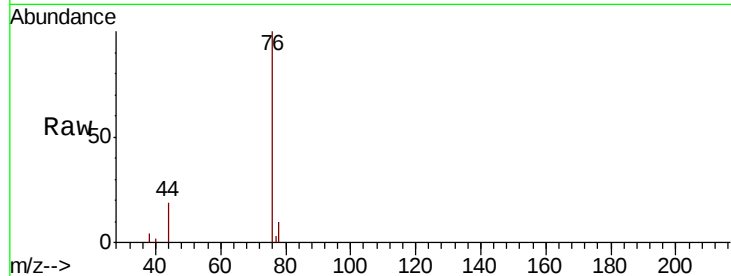




#17
Carbon Disulfide
Concen: 4.624 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

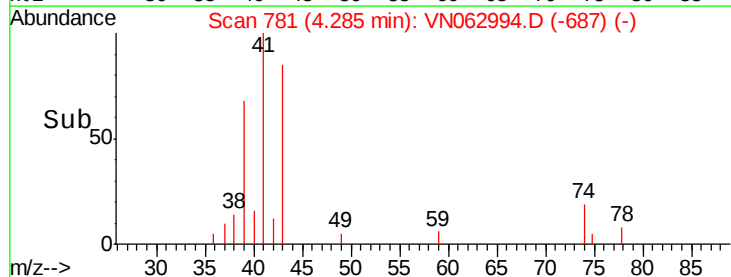
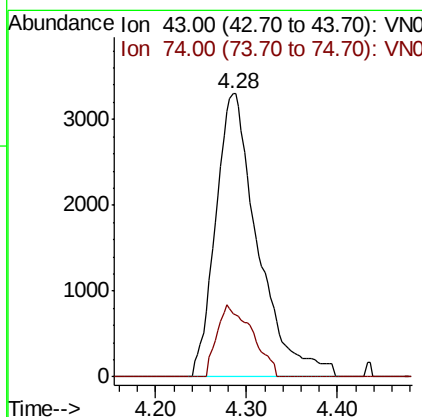
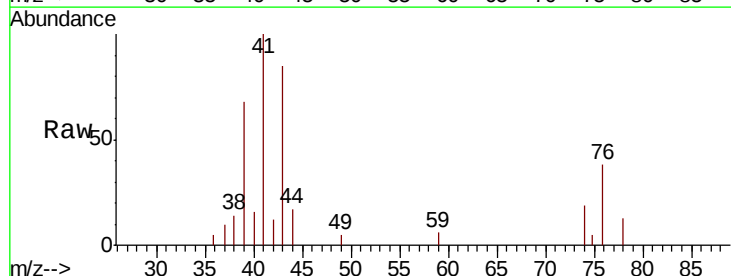
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

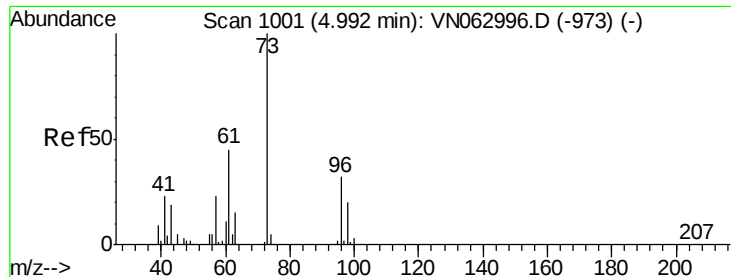
Tot Ion: 76 Resp: 18780
Ion Ratio Lower Upper
76 100
78 10.0 6.9 10.3



#18
Methyl Acetate
Concen: 4.959 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 43 Resp: 10671
Ion Ratio Lower Upper
43 100
74 21.1 18.6 28.0

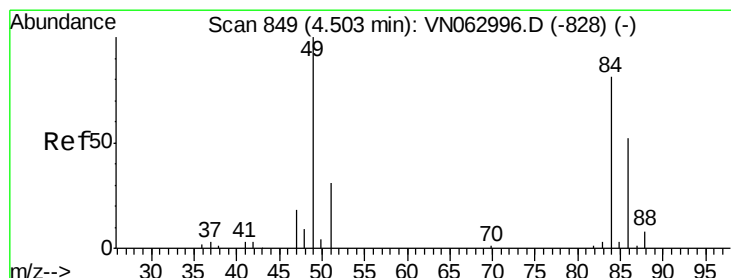
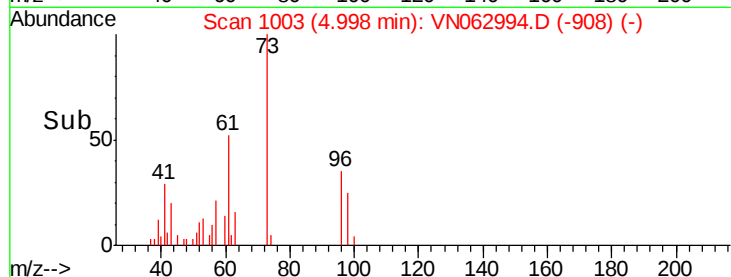
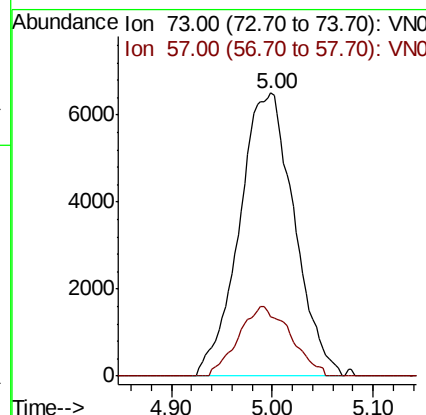
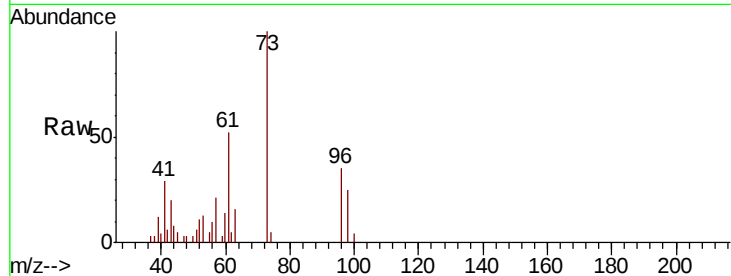




#19
Methvl tert-butvl Ether
Concen: 4.543 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

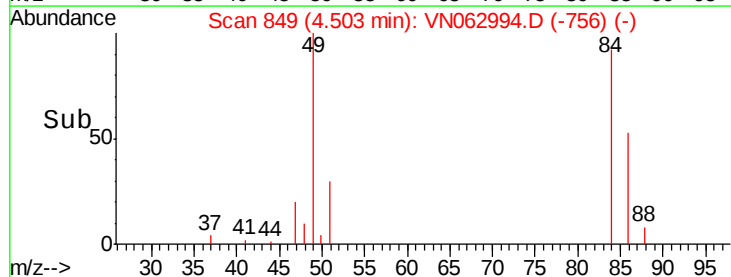
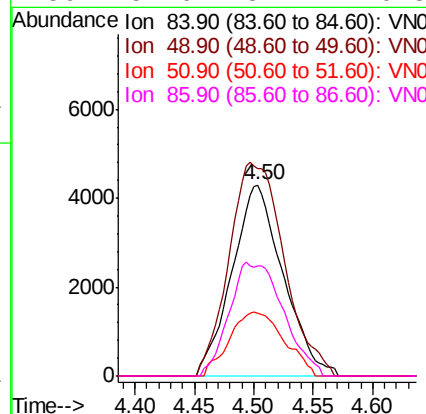
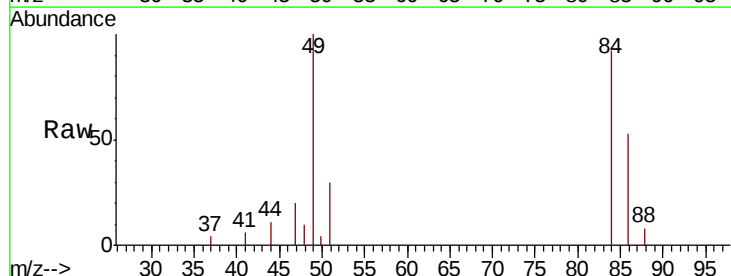
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

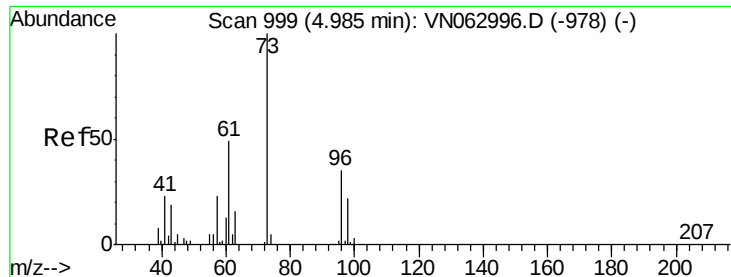
Tot Ion: 73 Resp: 24569
Ion Ratio Lower Upper
73 100
57 21.0 18.1 27.1



#20
Methylene Chloride
Concen: 5.258 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 84 Resp: 12783
Ion Ratio Lower Upper
84 100
49 108.8 98.7 148.1
51 33.0 30.8 46.2
86 57.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 5.122 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

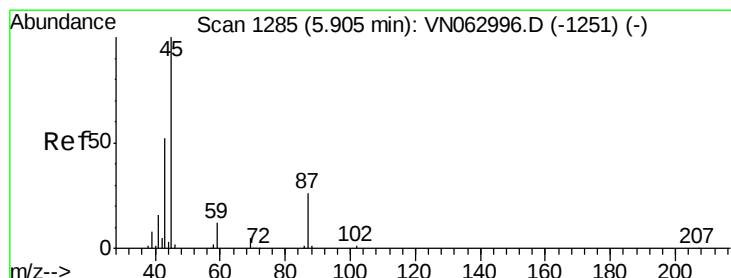
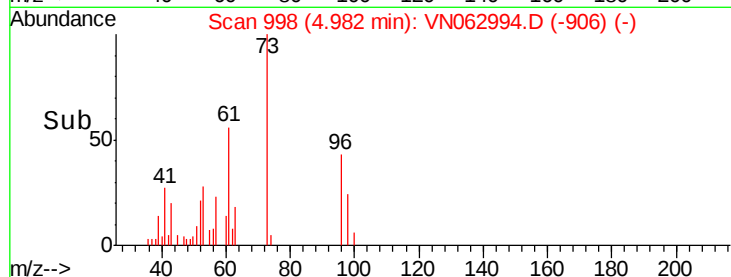
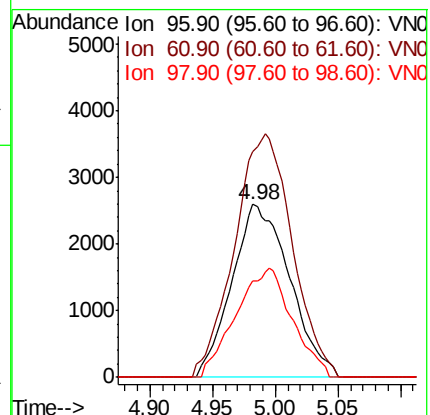
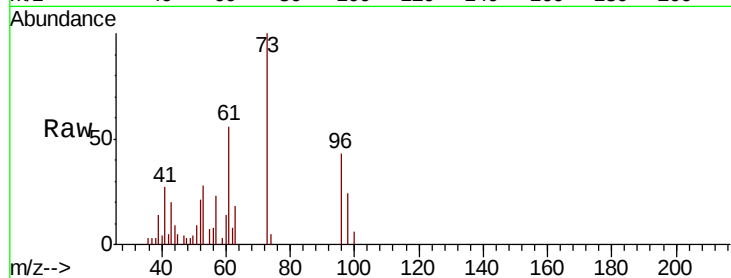
Tot Ion: 96 Resp: 8312

Ion Ratio Lower Upper

96 100

61 130.4 112.5 168.7

98 55.8 49.4 74.0



#22

Diisopropyl ether

Concen: 4.870 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion: 45 Resp: 30218

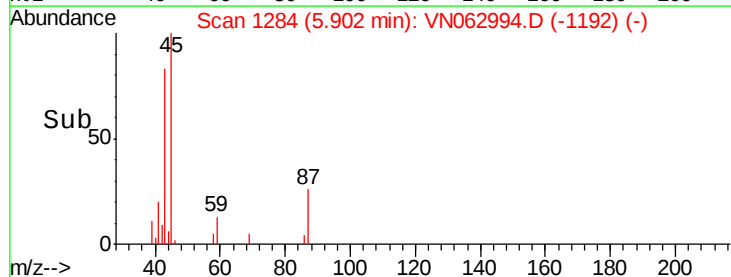
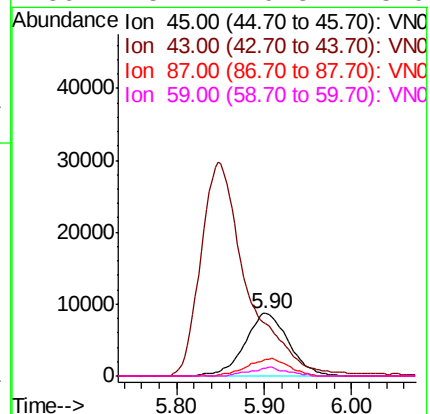
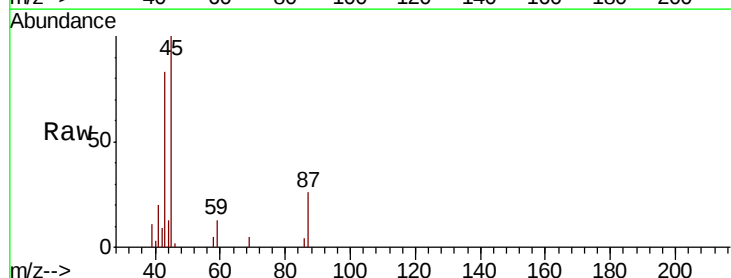
Ion Ratio Lower Upper

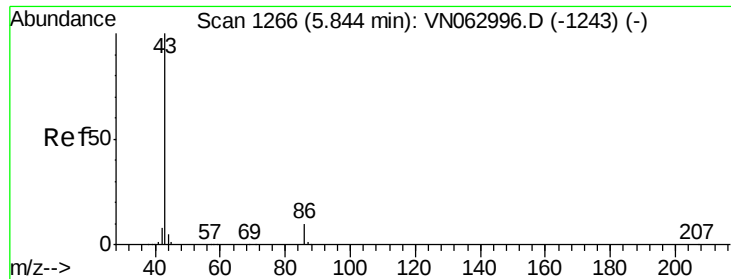
45 100

43 77.4 45.7 68.5#

87 25.9 21.8 32.6

59 13.1 9.3 13.9





#23

Vinyl Acetate

Concen: 26.187 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

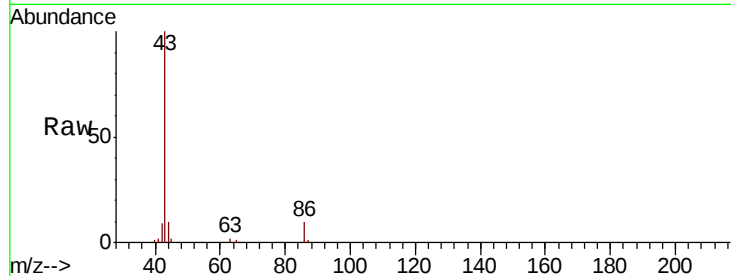
VSTDIC005

Tot Ion: 43 Resp: 109647

Ion Ratio Lower Upper

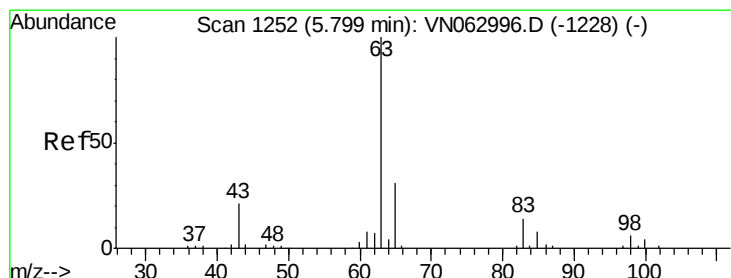
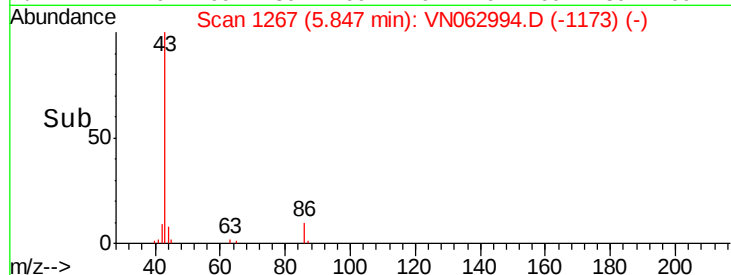
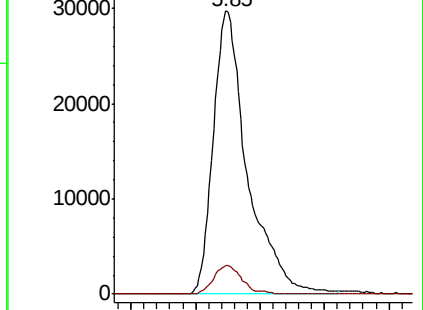
43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062994.D (-1266) (-)

Ion 86.00 (85.70 to 86.70): VN062994.D (-1266) (-)



#24

1,1-Dichloroethane

Concen: 5.045 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

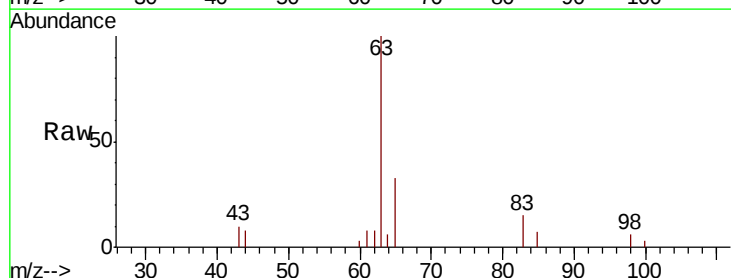
Tgt Ion: 63 Resp: 17492

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

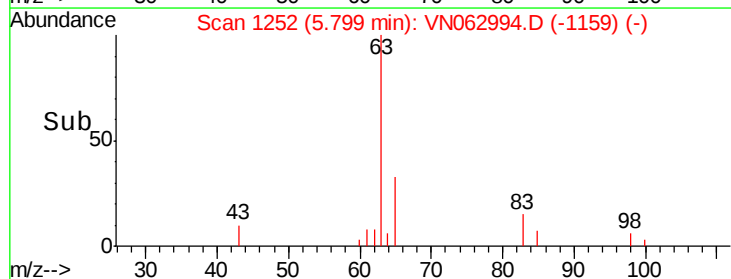
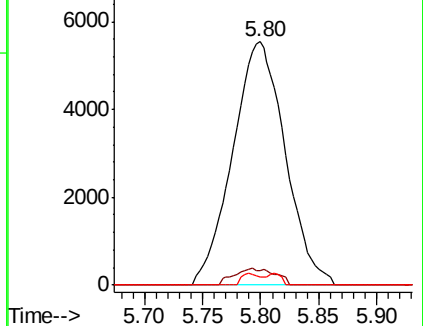
100 3.1 2.0 5.8

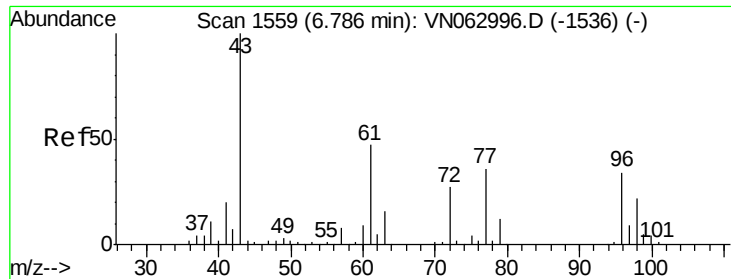


Abundance Ion 62.90 (62.60 to 63.60): VN062994.D (-1252) (-)

Ion 97.90 (97.60 to 98.60): VN062994.D (-1252) (-)

Ion 99.90 (99.60 to 100.60): VN062994.D (-1252) (-)

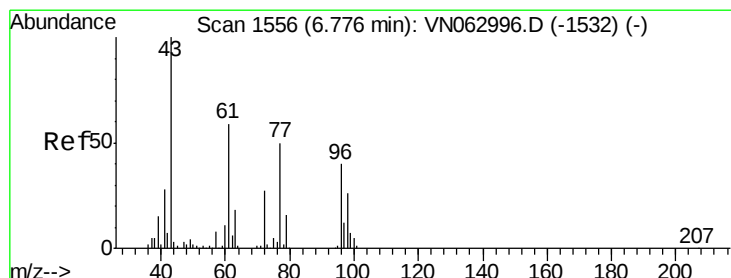
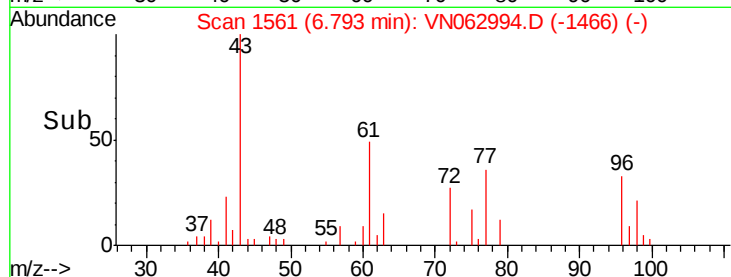
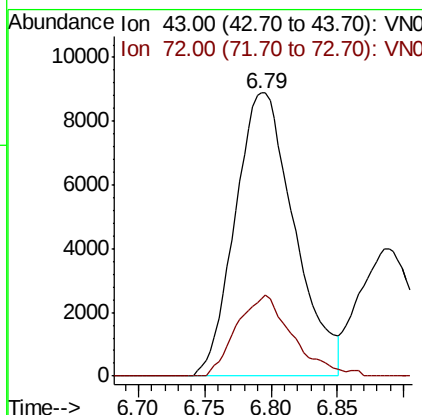
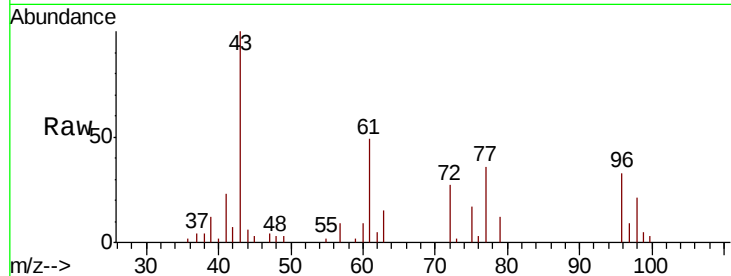




#25
 2-Butanone
 Concen: 24.034 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

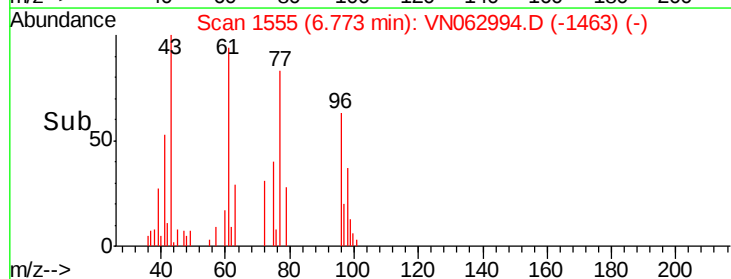
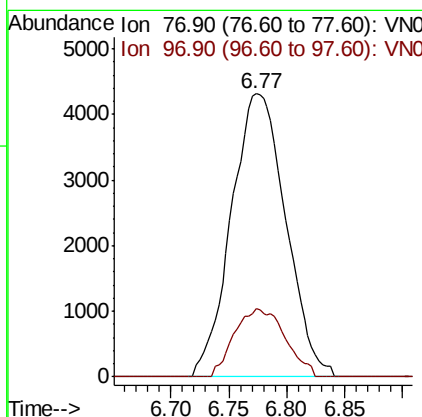
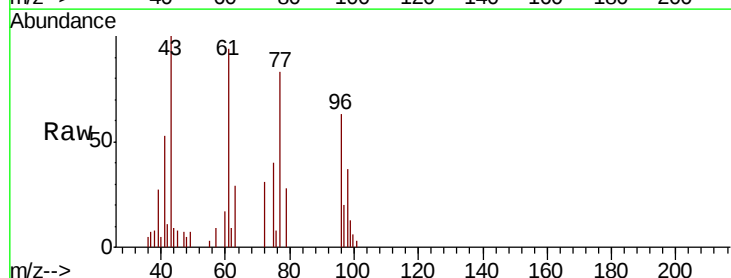
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

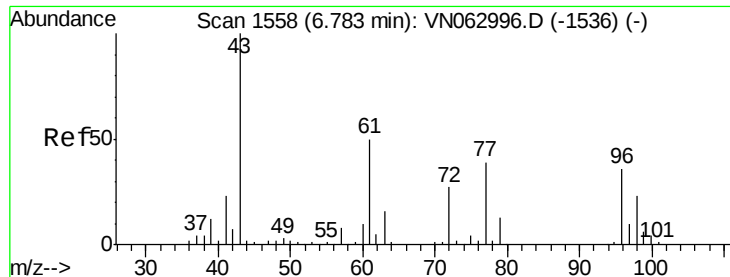
Tot Ion: 43 Resp: 27628
 Ion Ratio Lower Upper
 43 100
 72 27.5 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 5.173 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 77 Resp: 14107
 Ion Ratio Lower Upper
 77 100
 97 22.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 5.093 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

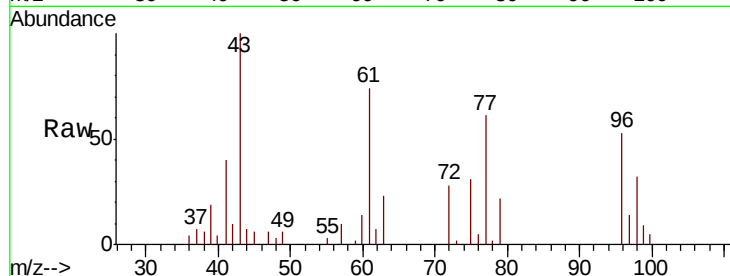
Tot Ion: 96 Resp: 10360

Ion Ratio Lower Upper

96 100

61 150.6 0.0 292.8

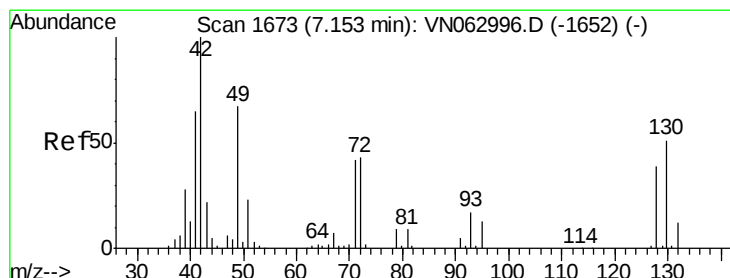
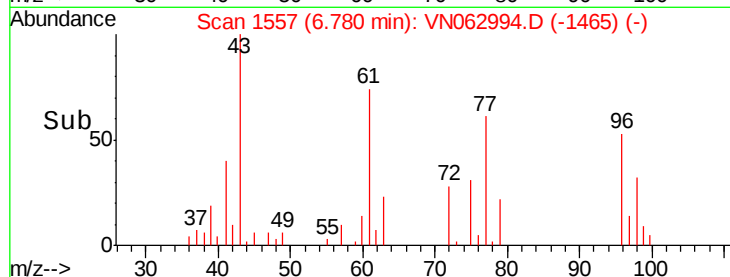
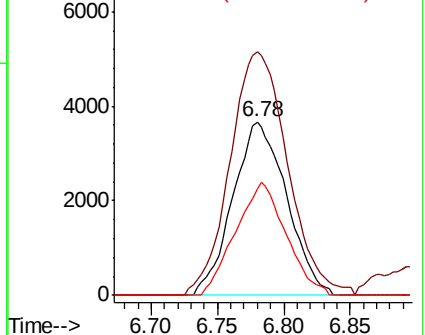
98 61.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN062994.D (-1536) (-)

Ion 60.90 (60.60 to 61.60): VN062994.D (-1536) (-)

Ion 97.90 (97.60 to 98.60): VN062994.D (-1536) (-)



#28

Bromochloromethane

Concen: 5.066 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

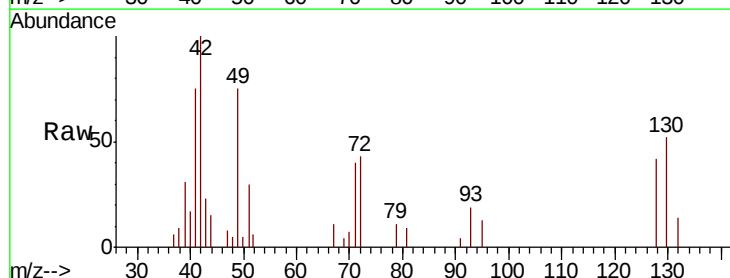
Tgt Ion: 49 Resp: 9191

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

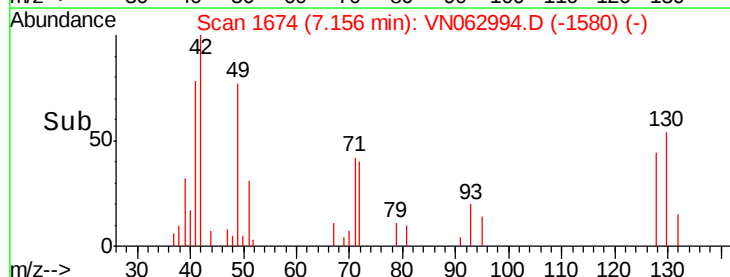
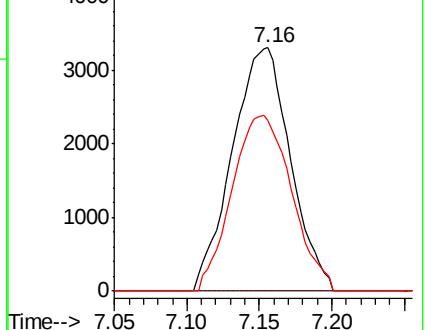
130 74.0 61.1 91.7

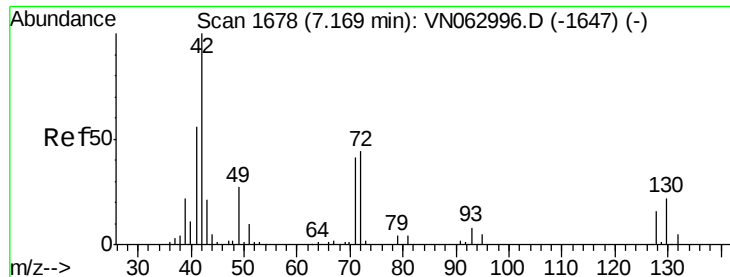


Abundance Ion 48.90 (48.60 to 49.60): VN062994.D (-1580) (-)

Ion 128.80 (128.50 to 129.50): VN062994.D (-1580) (-)

Ion 129.80 (129.50 to 130.50): VN062994.D (-1580) (-)

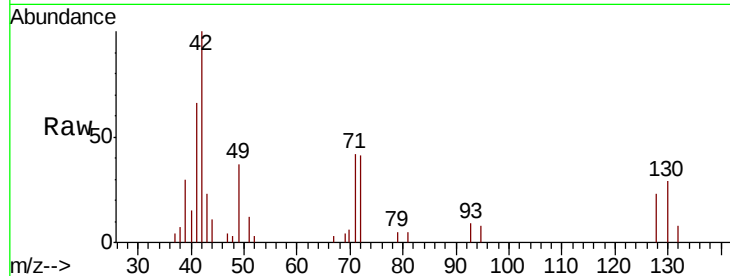




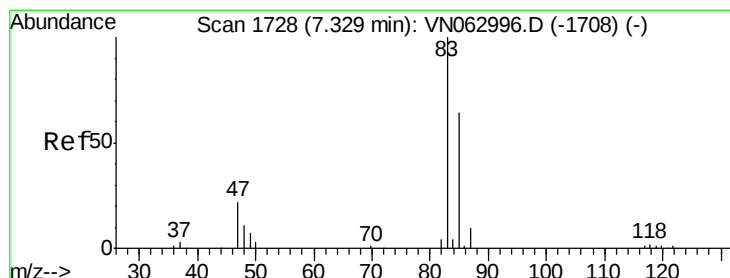
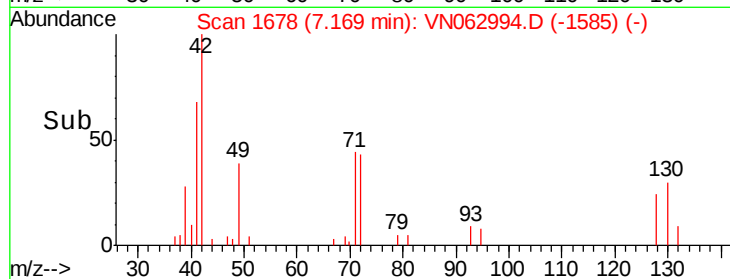
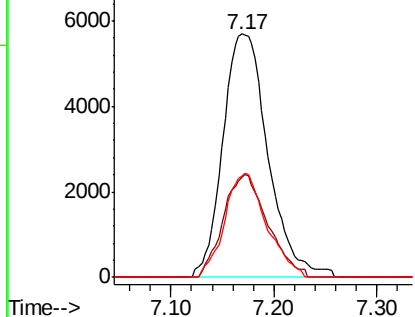
#29
Tetrahydrofuran
Concen: 23.402 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 42 Resp: 17362
Ion Ratio Lower Upper
42 100
72 41.4 34.6 52.0
71 39.6 32.3 48.5

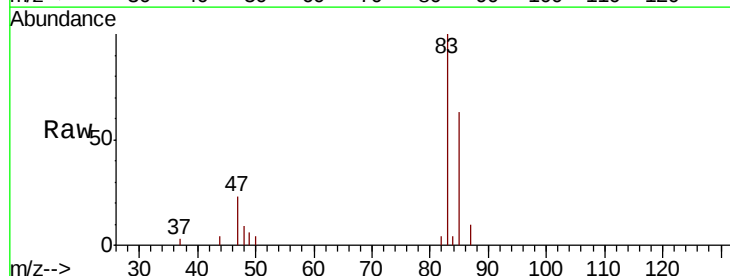


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

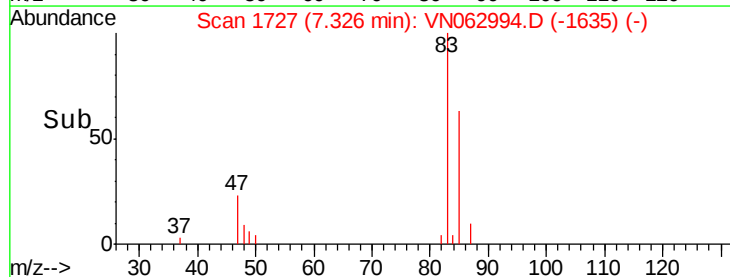
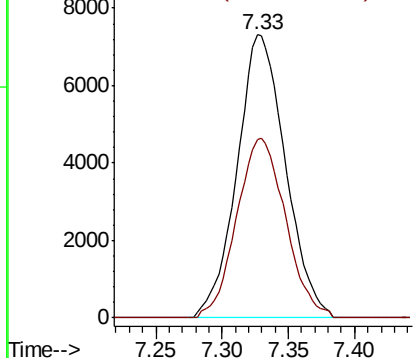


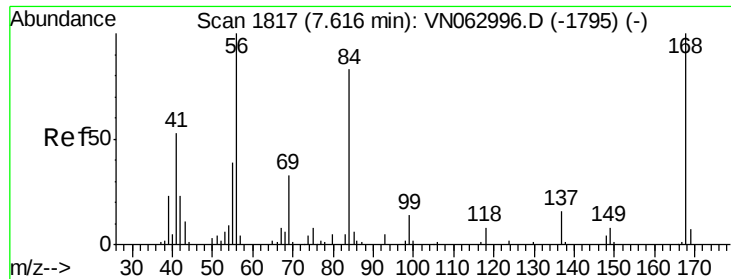
#30
Chloroform
Concen: 5.318 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 83 Resp: 18569
Ion Ratio Lower Upper
83 100
85 62.8 51.5 77.3



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

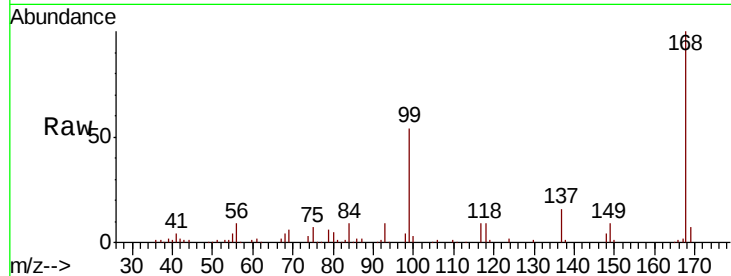




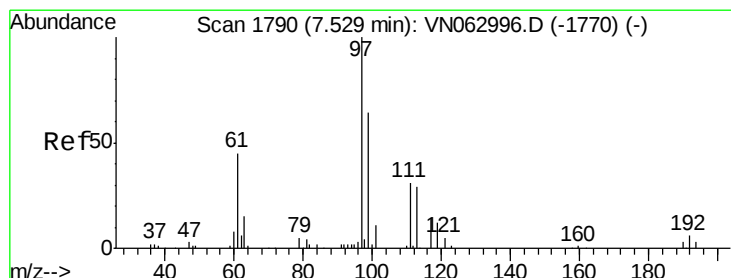
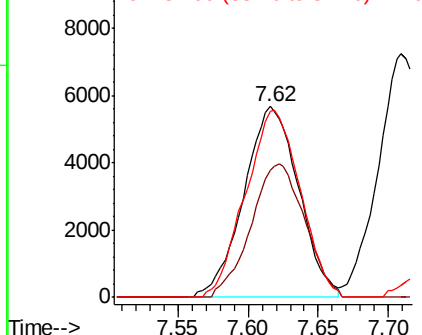
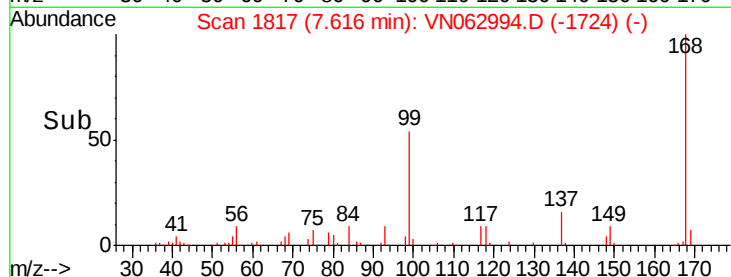
#31
Cyclohexane
Concen: 4.821 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 56 Resp: 15386
Ion Ratio Lower Upper
56 100
69 66.4 26.6 40.0#
84 97.8 66.4 99.6

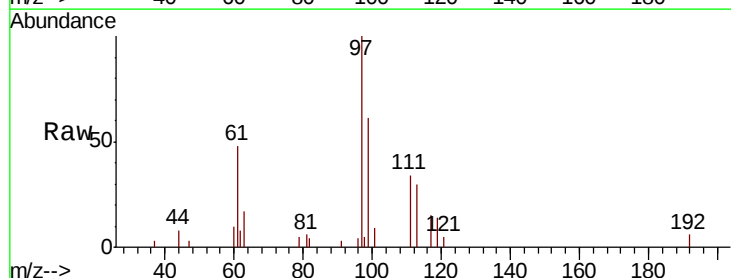


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

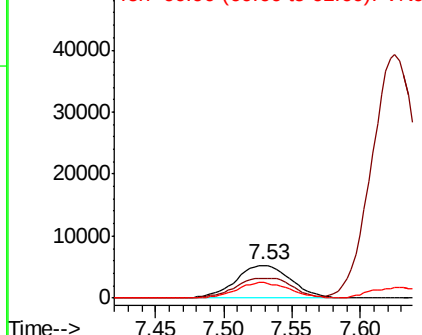
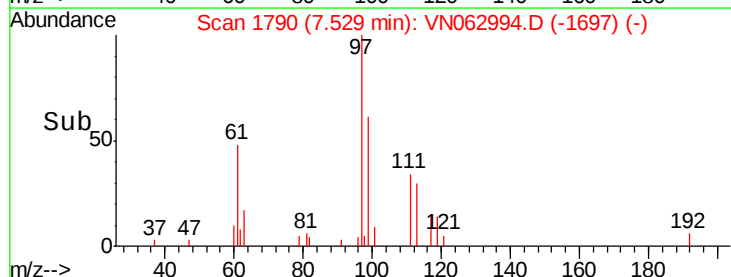


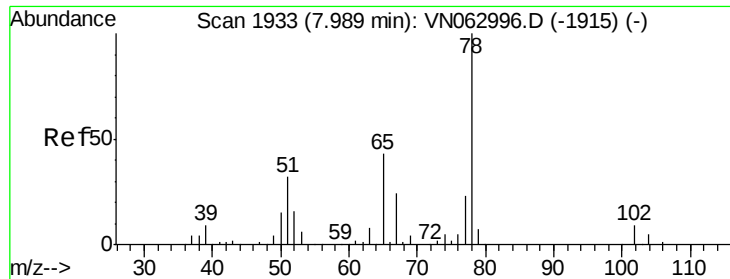
#32
1,1,1-Trichloroethane
Concen: 5.163 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 97 Resp: 14720
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 46.1 36.2 54.4



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

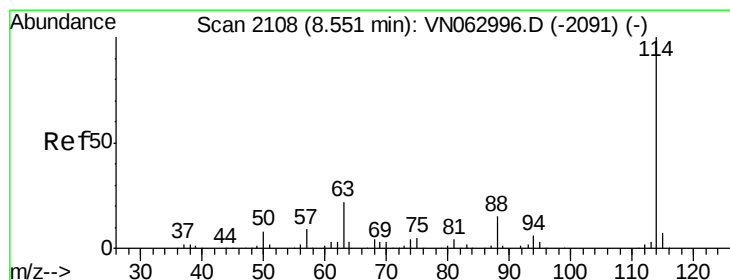
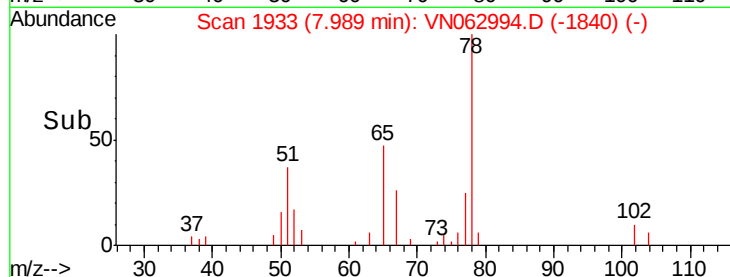
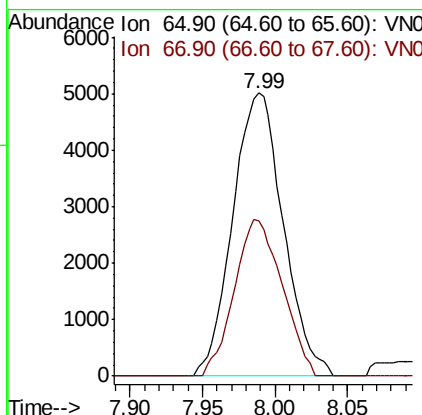
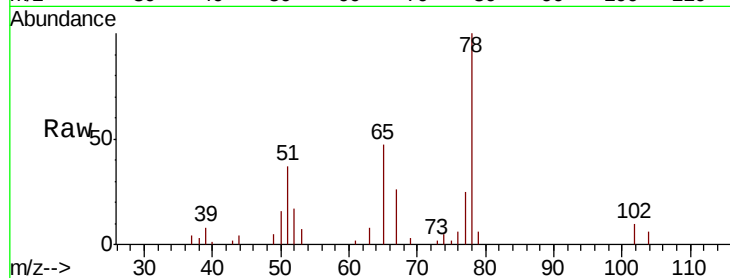




#33
 1,2-Dichloroethane-d4
 Concen: 5.610 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

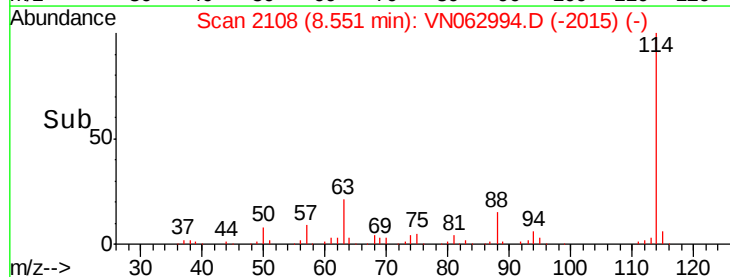
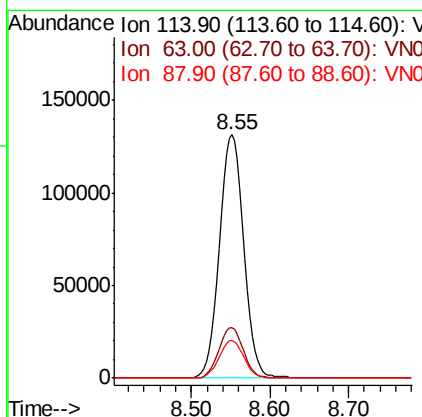
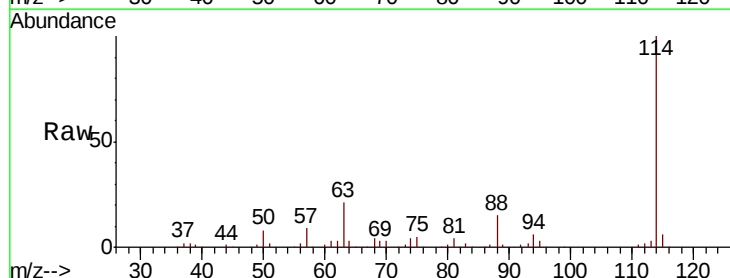
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

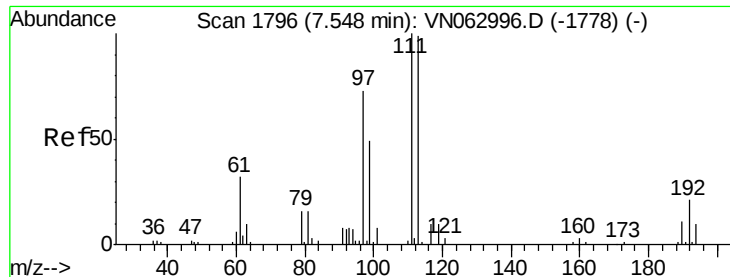
Tot Ion: 65 Resp: 12147
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 114 Resp: 279591
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.5 0.0 30.6

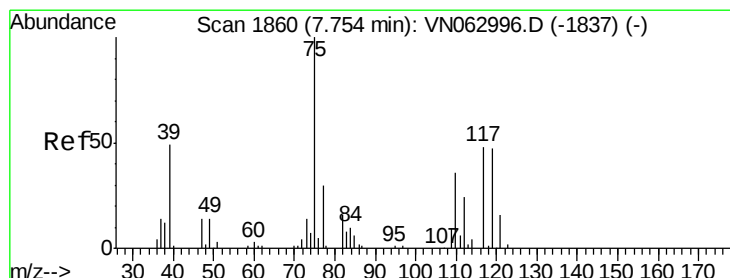
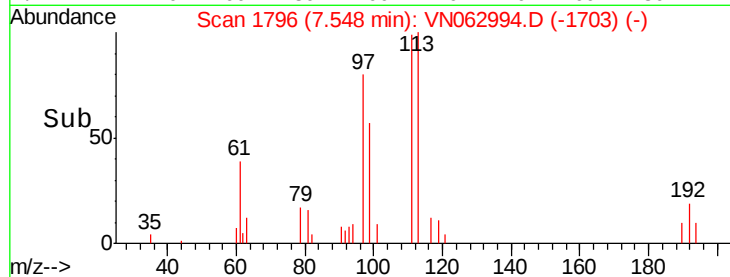
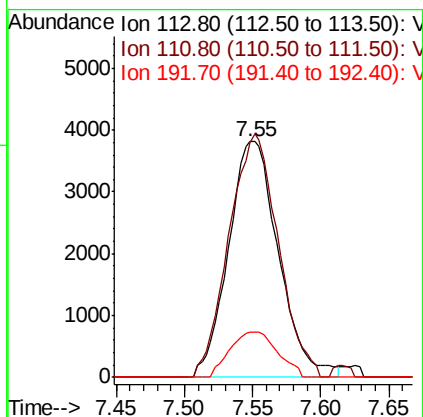
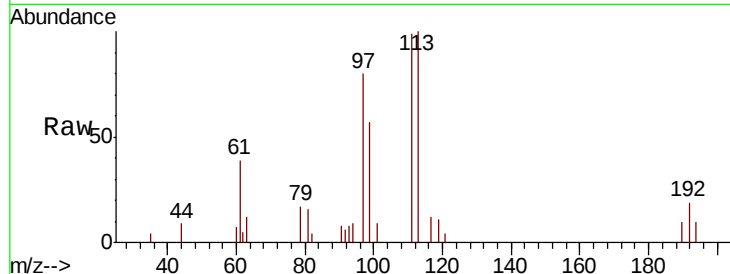




#35
 Dibromofluoromethane
 Concen: 5.348 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

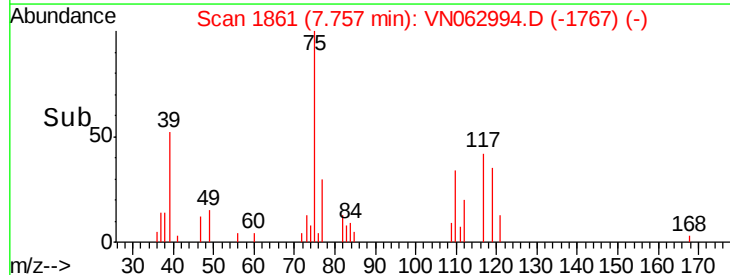
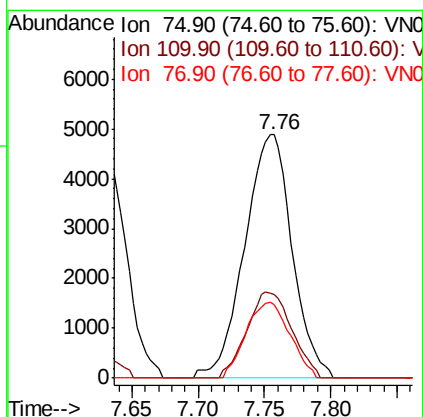
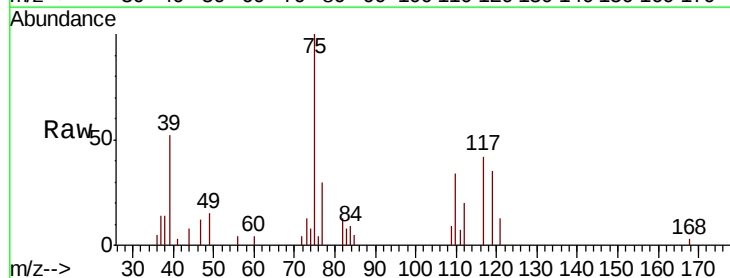
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

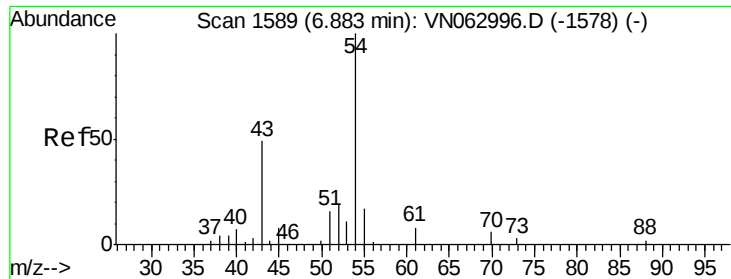
Tot Ion:113 Resp: 9743
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.7 122.5
 192 18.3 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 4.932 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 75 Resp: 12153
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.5 52.6
 77 28.8 24.2 36.4

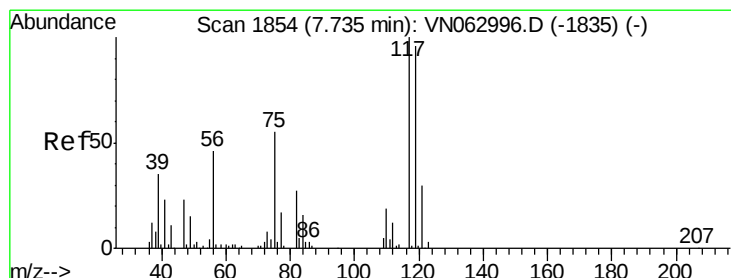
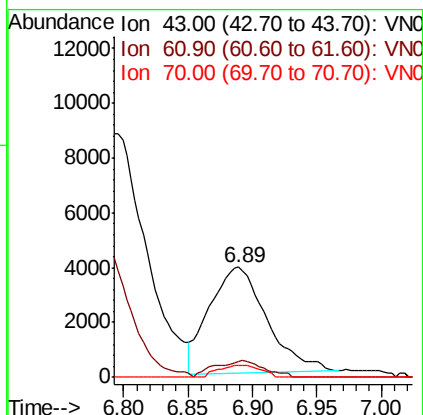
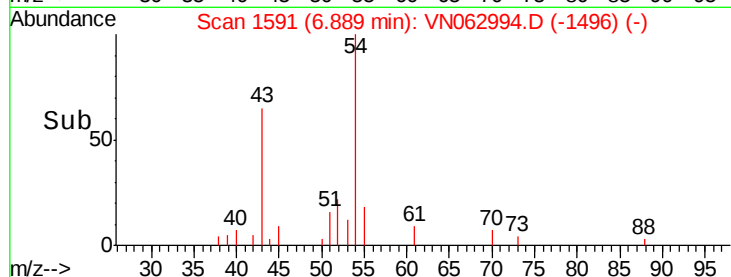
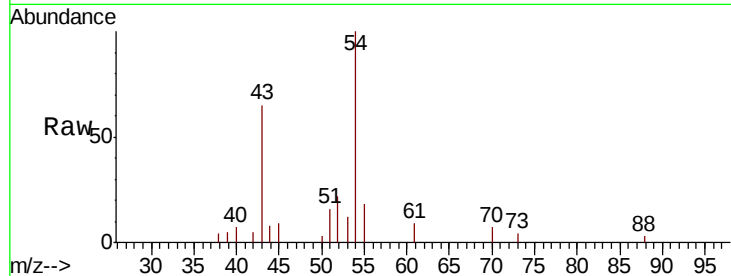




#37
Ethyl Acetate
Concen: 5.113 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

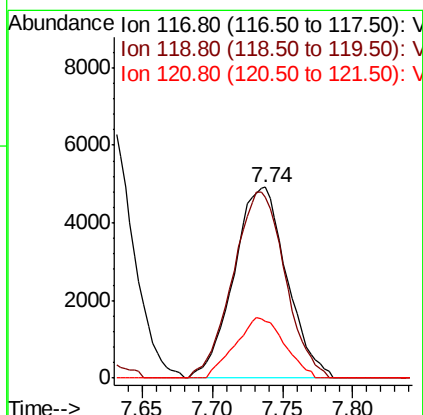
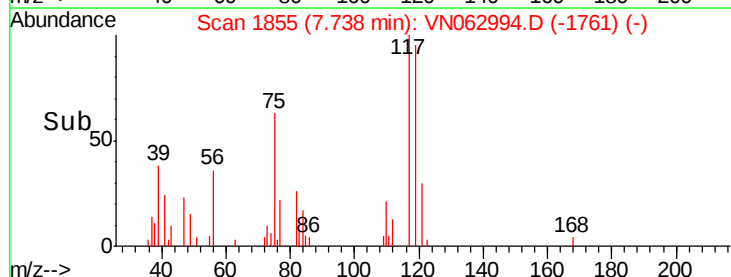
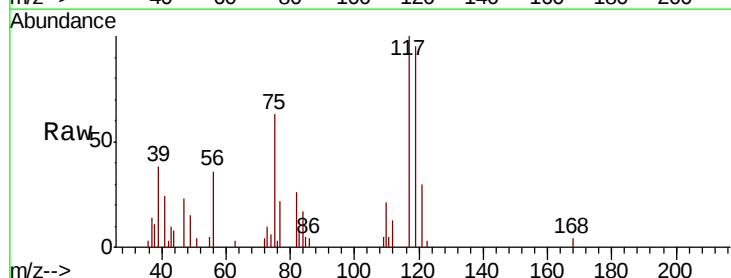
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

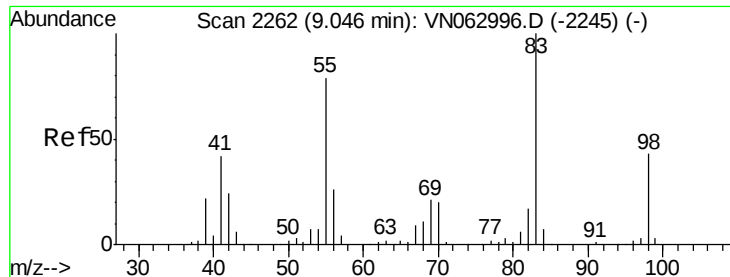
Tot Ion: 43 Resp: 11833
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.8
70 8.3 8.2 12.2



#38
Carbon Tetrachloride
Concen: 5.179 ug/l
RT: 7.74 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 117 Resp: 12882
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.4
121 30.0 24.2 36.2

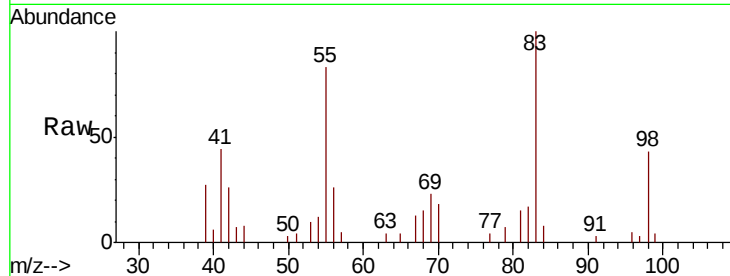




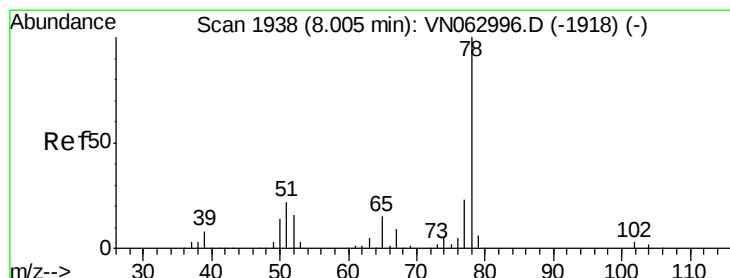
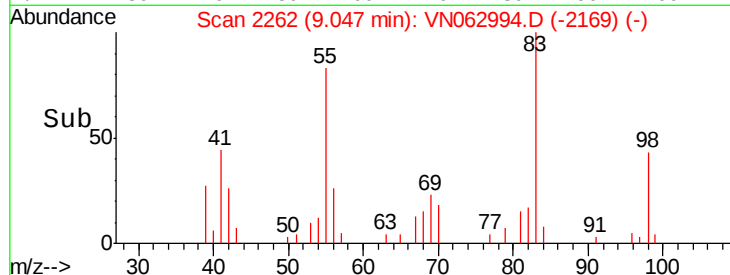
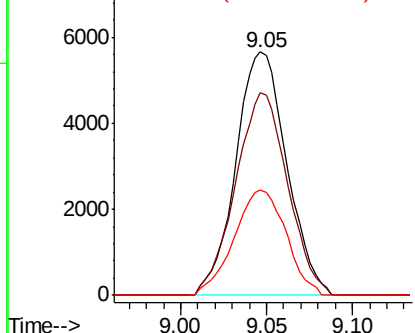
#39
Methvlcvclohexane
Concen: 4.001 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 11648
Ion Ratio Lower Upper
83 100
55 83.2 63.3 94.9
98 43.4 34.2 51.4

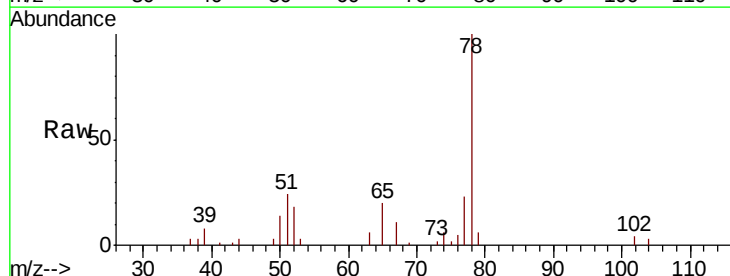


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

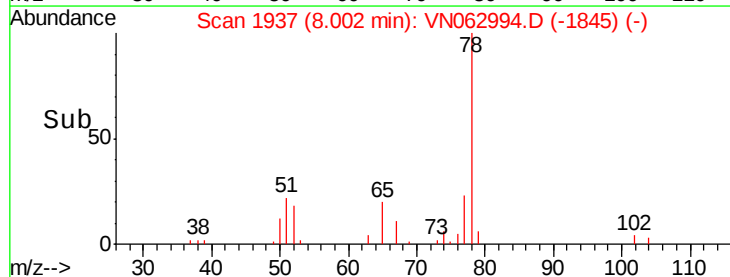
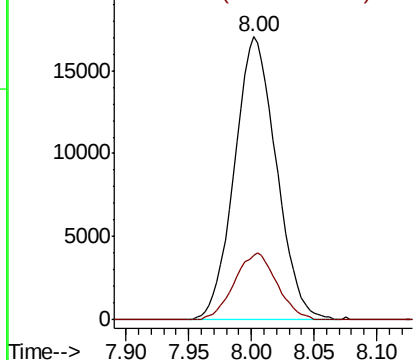


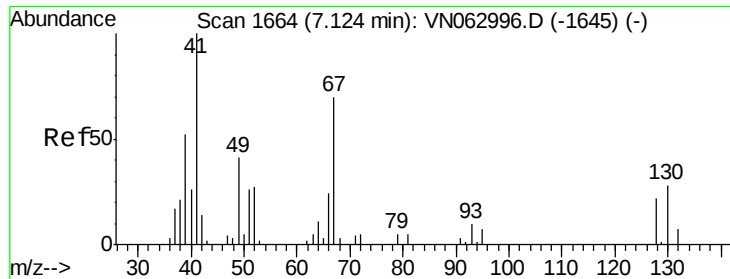
#40
Benzene
Concen: 5.052 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 78 Resp: 39480
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2



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

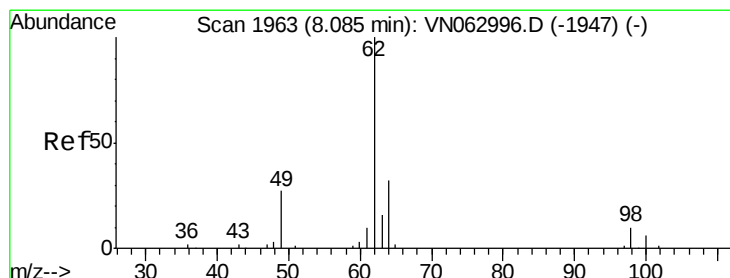
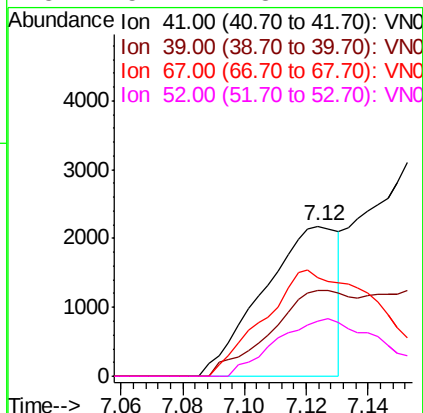
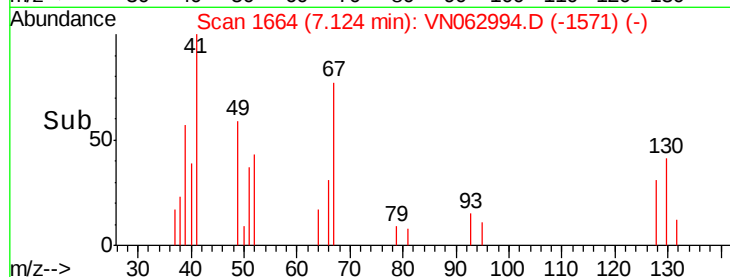
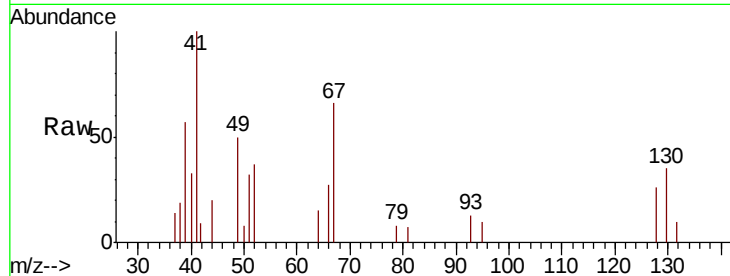




#41
Methacrylonitrile
Concen: 3.335 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

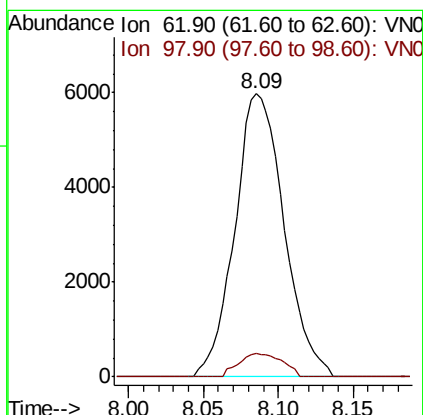
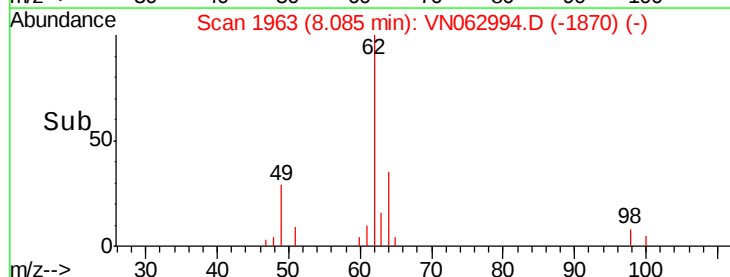
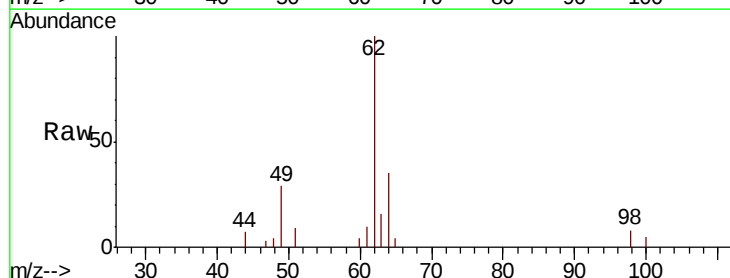
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

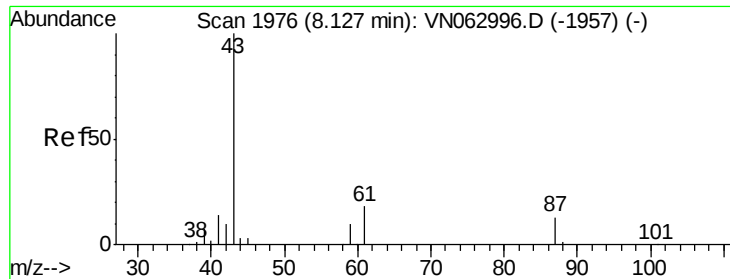
Tot Ion: 41 Resp: 3669
Ion Ratio Lower Upper
41 100
39 64.1 41.6 62.4#
67 113.8 71.8 107.8#
52 57.2 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 5.218 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 62 Resp: 13693
Ion Ratio Lower Upper
62 100
98 7.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 5.054 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

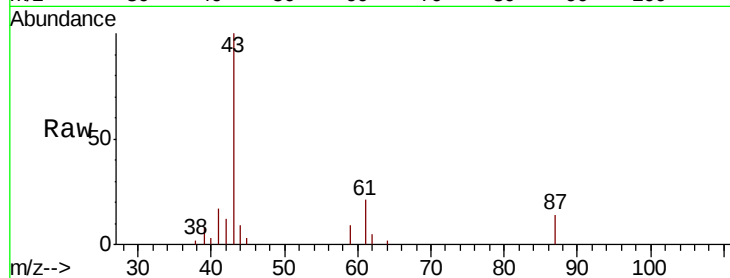
Tot Ion: 43 Resp: 19329

Ion Ratio Lower Upper

43 100

61 26.8 22.6 33.8

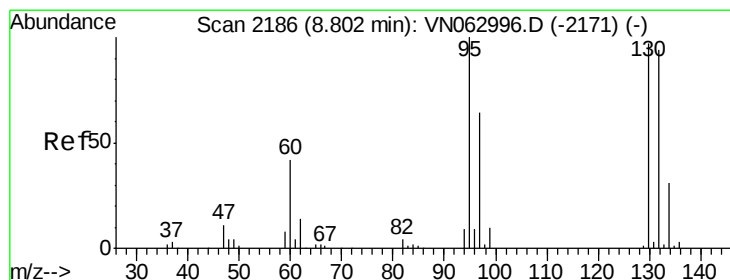
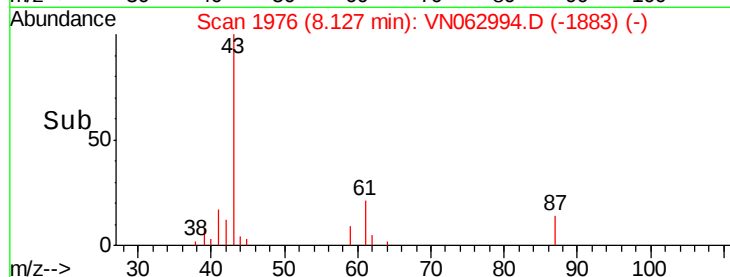
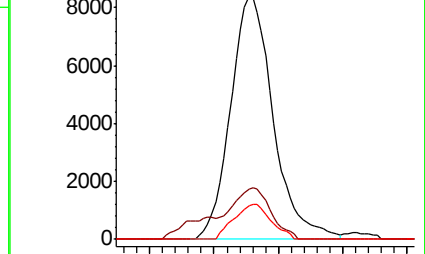
87 12.5 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062994.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062994.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062994.D (-1957) (-)



#44

Trichloroethene

Concen: 4.966 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062994.D

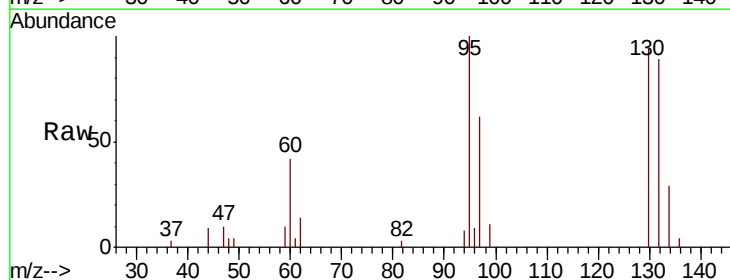
Acq: 18 Aug 2020 19:05

Tgt Ion:130 Resp: 9654

Ion Ratio Lower Upper

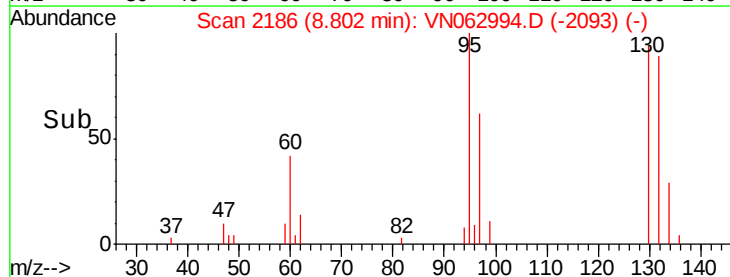
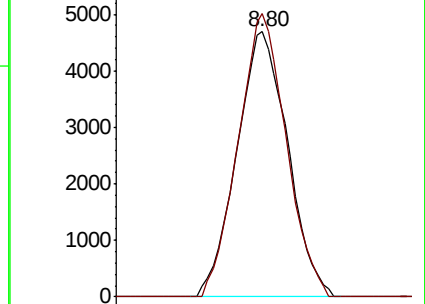
130 100

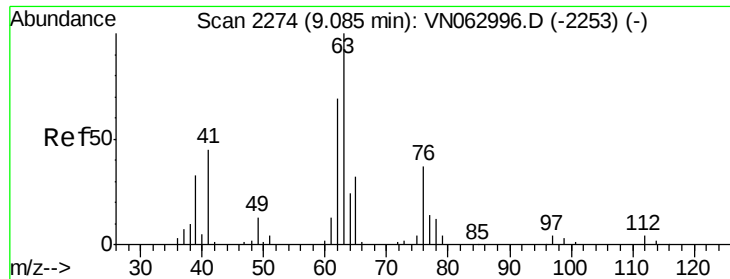
95 106.8 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062994.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062994.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 4.936 ug/l

RT: 9.09 min Scan# 2275

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

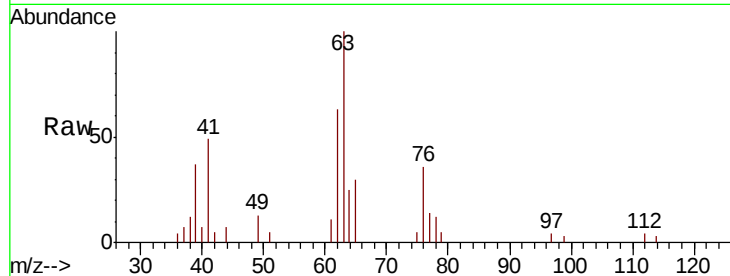
VSTDIC005

Tot Ion: 63 Resp: 11150

Ion Ratio Lower Upper

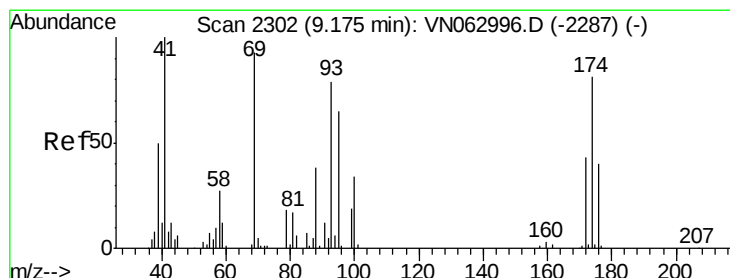
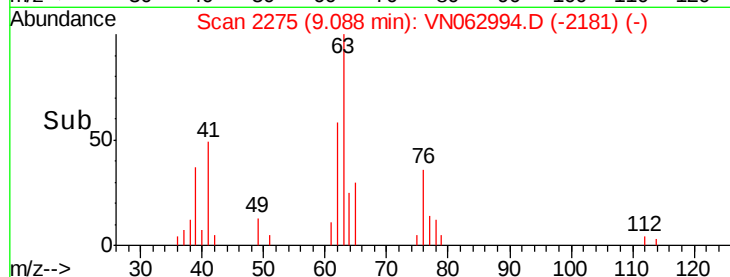
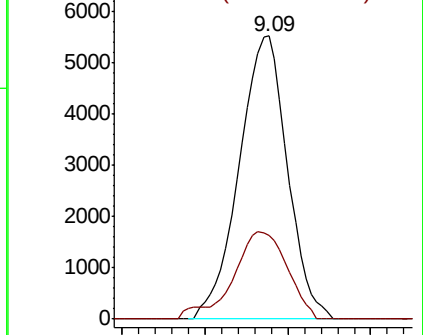
63 100

65 29.6 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VN062994.D (-2253) (-)

Ion 64.90 (64.60 to 65.60): VN062994.D (-2253) (-)



#46

Dibromomethane

Concen: 5.327 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

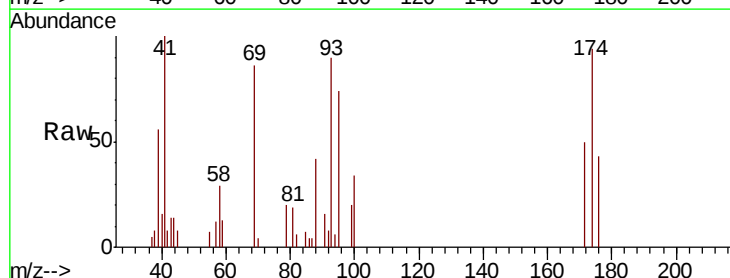
Tgt Ion: 93 Resp: 6952

Ion Ratio Lower Upper

93 100

95 79.0 66.2 99.4

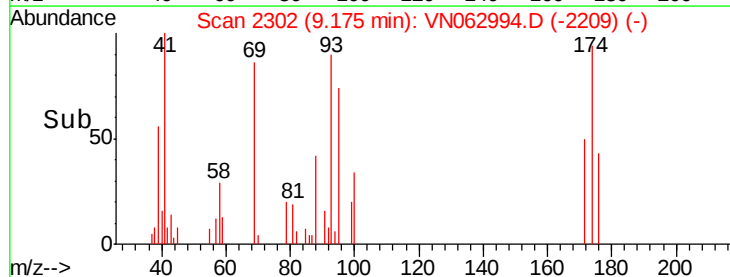
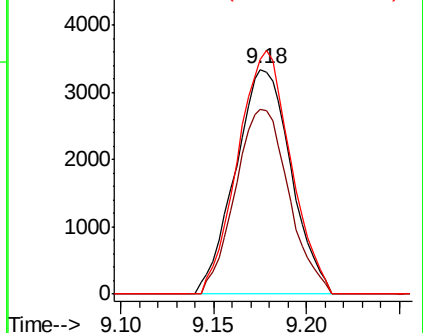
174 103.4 84.6 127.0

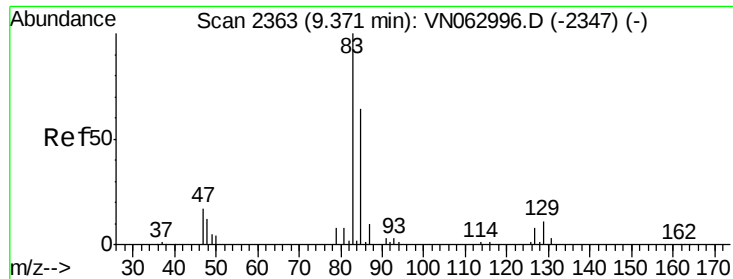


Abundance Ion 92.80 (92.50 to 93.50): VN062994.D (-2287) (-)

Ion 94.80 (94.50 to 95.50): VN062994.D (-2287) (-)

Ion 173.70 (173.40 to 174.40): VN062994.D (-2287) (-)

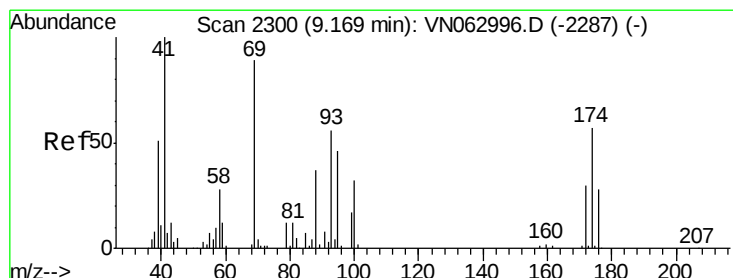
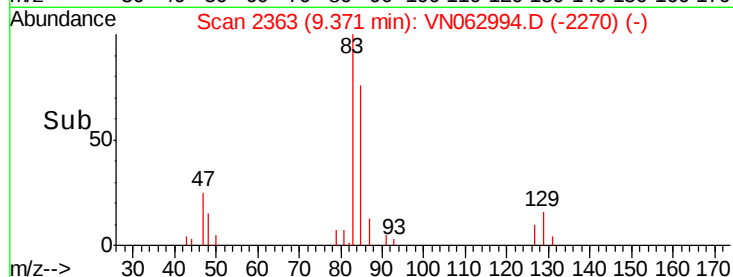
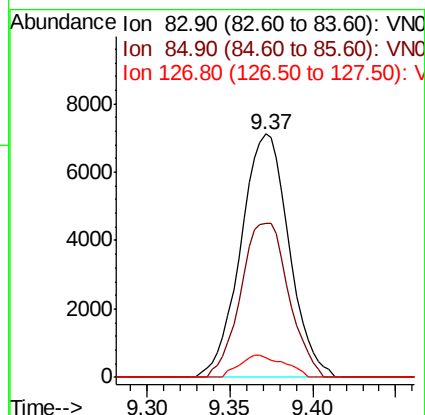
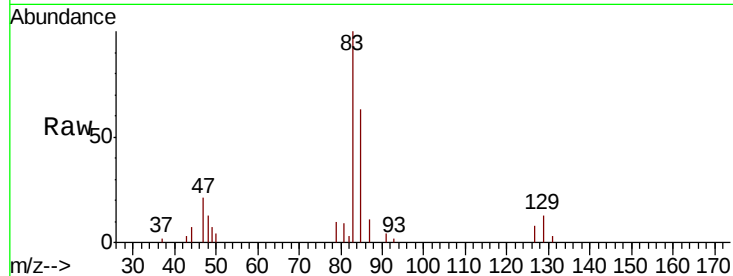




#47
Bromodichloromethane
Concen: 5.047 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

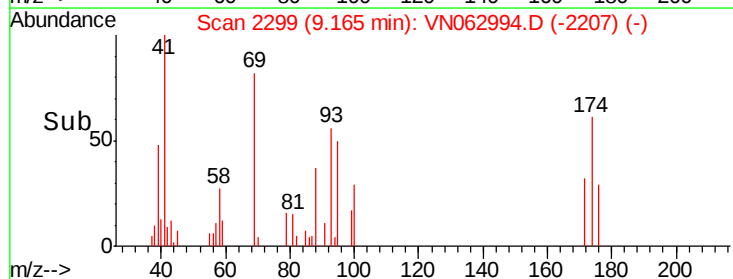
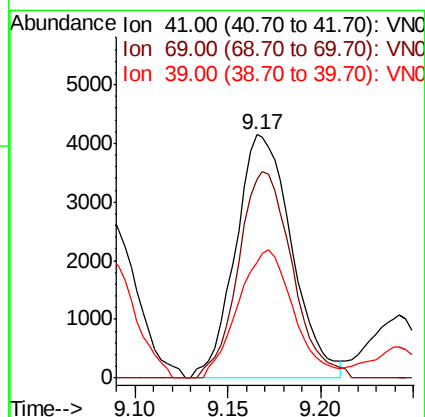
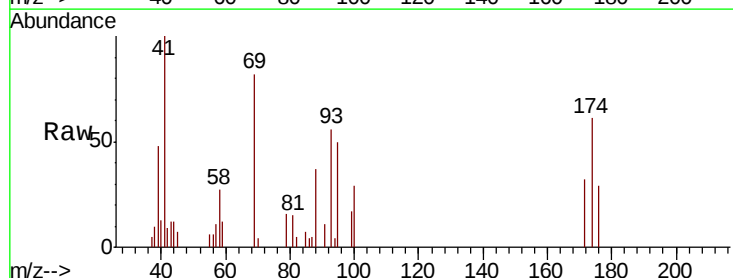
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

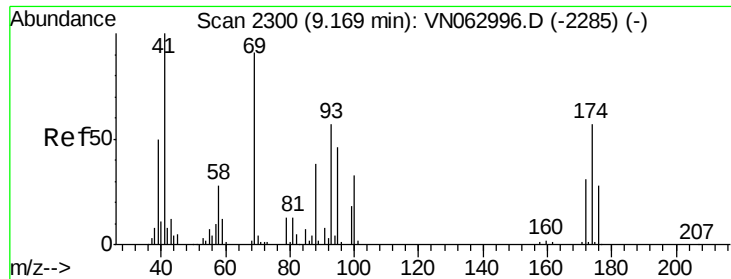
Tot Ion: 83 Resp: 14424
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 4.823 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 41 Resp: 8728
Ion Ratio Lower Upper
41 100
69 81.3 74.2 111.4
39 52.1 42.5 63.7

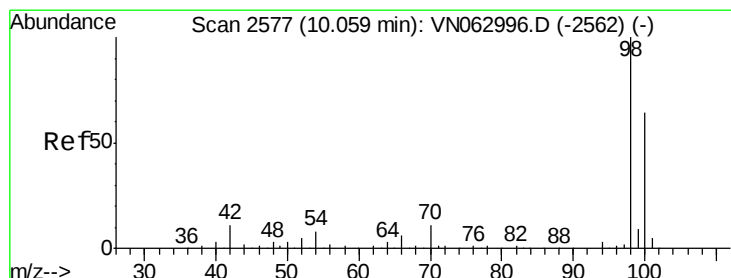
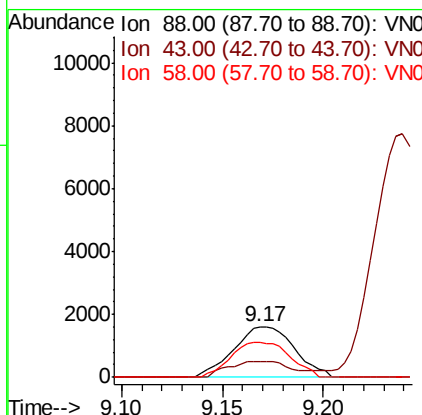
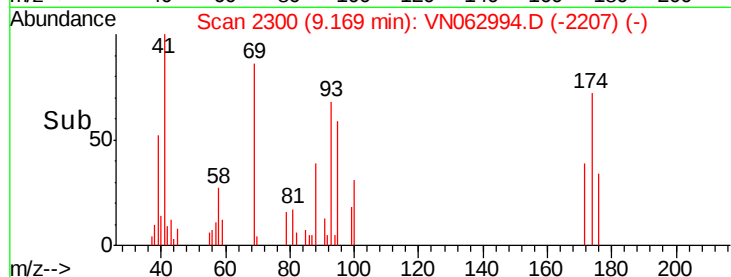
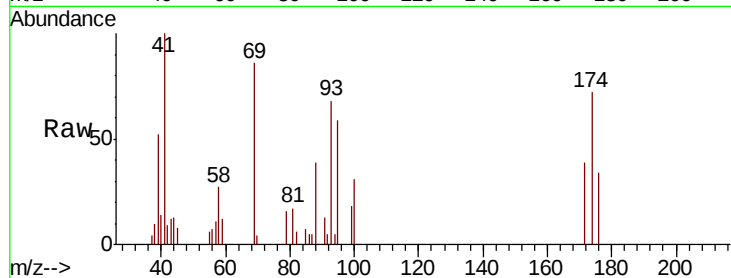




#49
 1,4-Dioxane
 Concen: 95.362 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

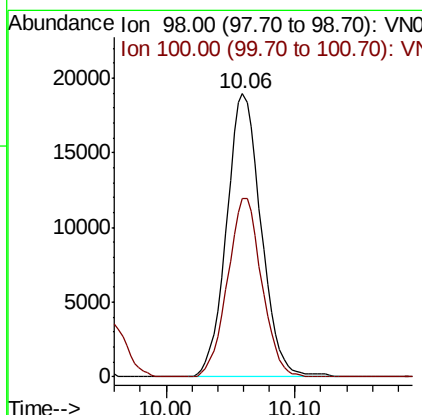
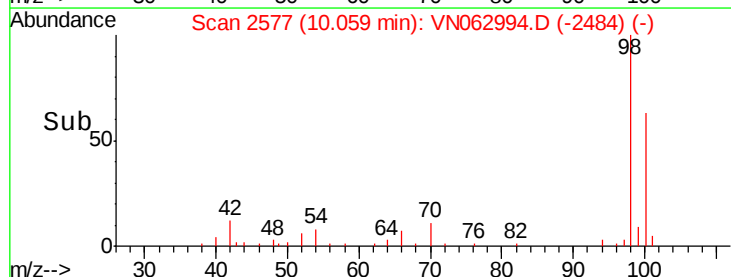
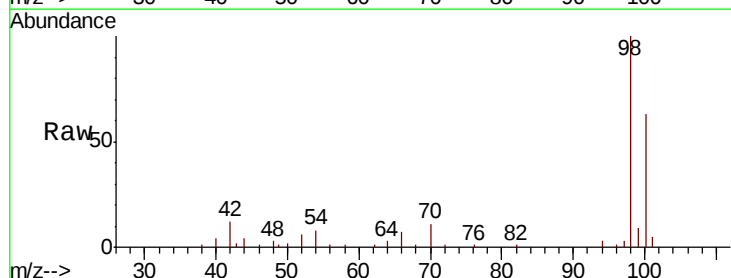
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

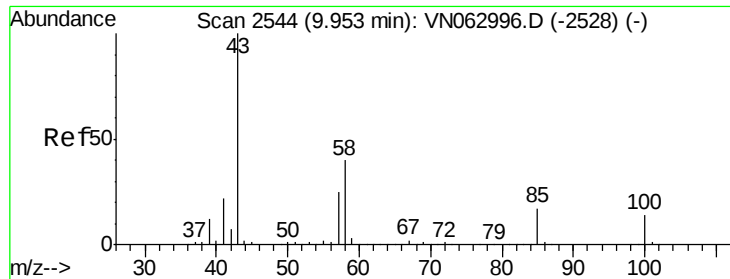
Tot Ion: 88 Resp: 3364
 Ion Ratio Lower Upper
 88 100
 43 35.9 25.2 37.8
 58 67.6 56.7 85.1



#50
 Toluene-d8
 Concen: 5.025 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 98 Resp: 35161
 Ion Ratio Lower Upper
 98 100
 100 62.3 51.2 76.8

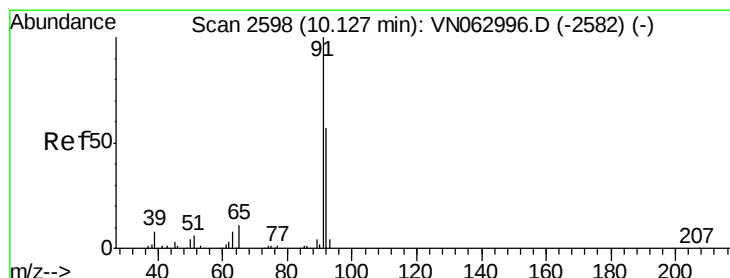
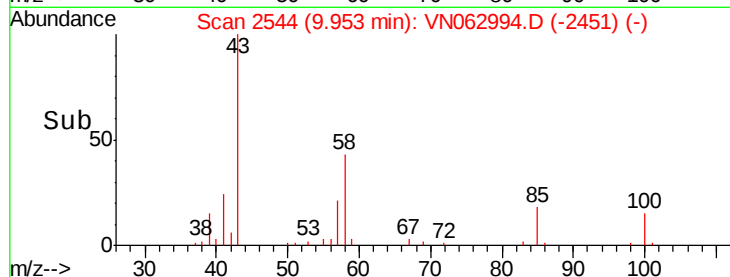
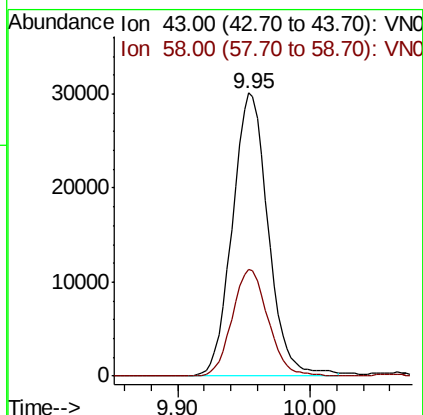
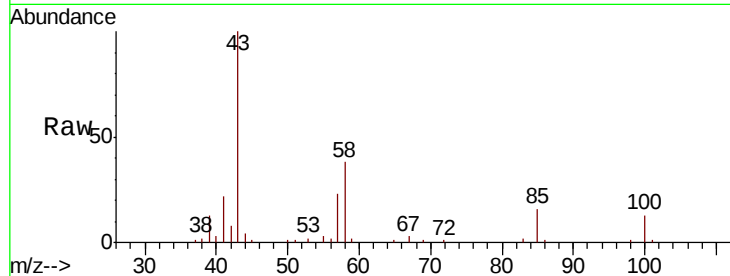




#51
4-Methyl-2-Pentanone
Concen: 23.386 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

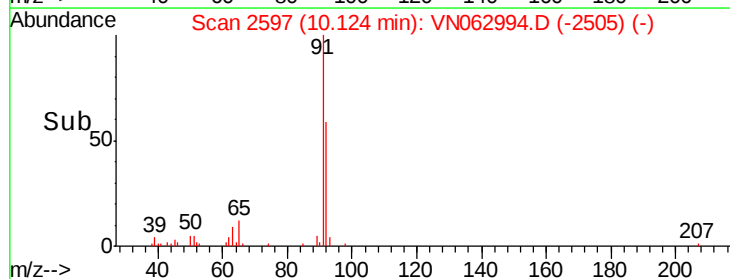
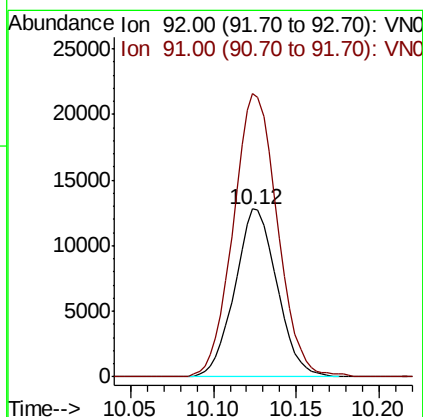
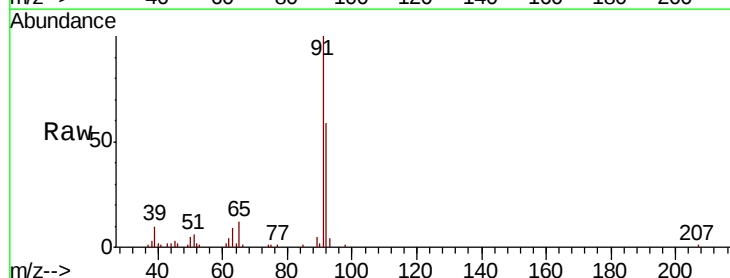
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

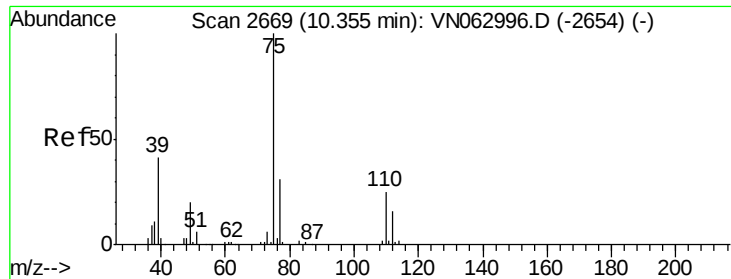
Tot Ion: 43 Resp: 56539
Ion Ratio Lower Upper
43 100
58 37.7 32.2 48.2



#52
Toluene
Concen: 4.815 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 92 Resp: 22698
Ion Ratio Lower Upper
92 100
91 176.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 4.600 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

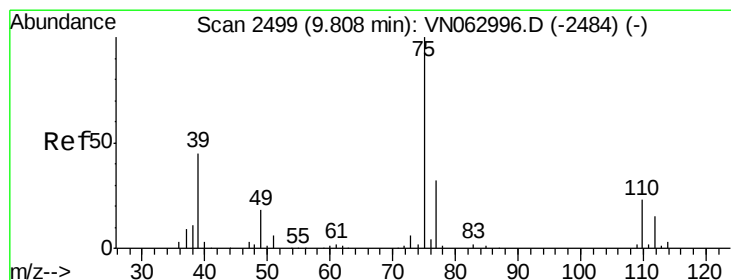
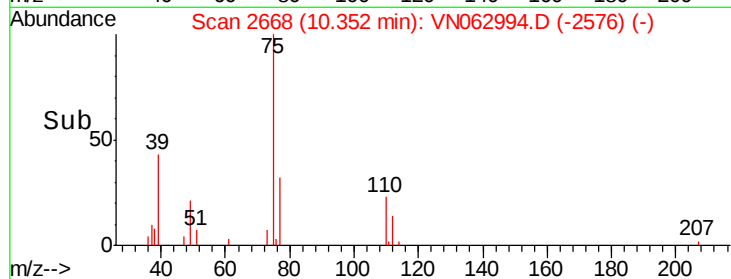
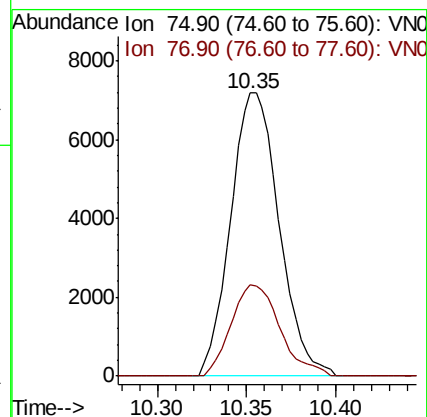
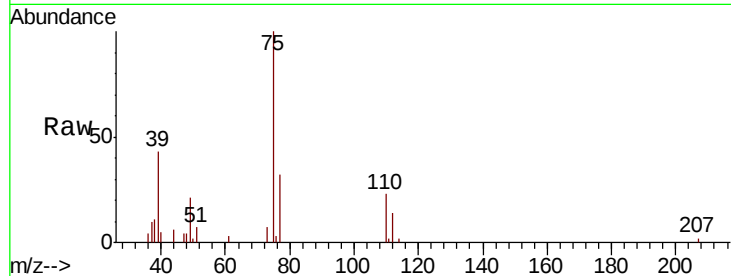
VSTDIC005

Tot Ion: 75 Resp: 13596

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 4.652 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

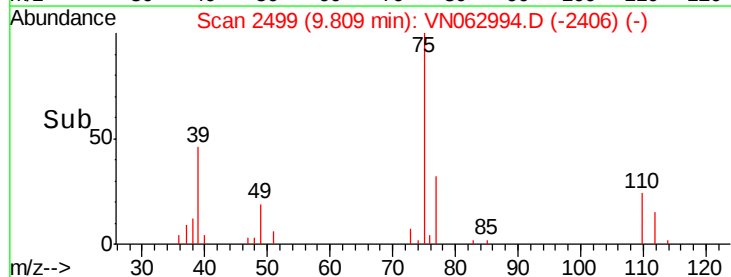
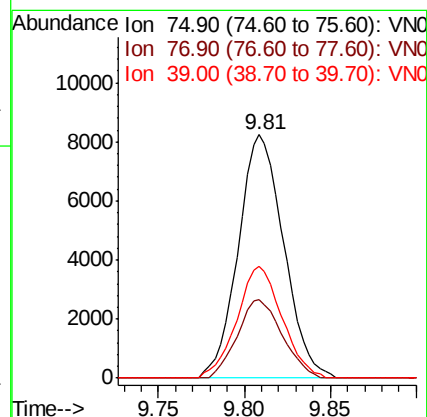
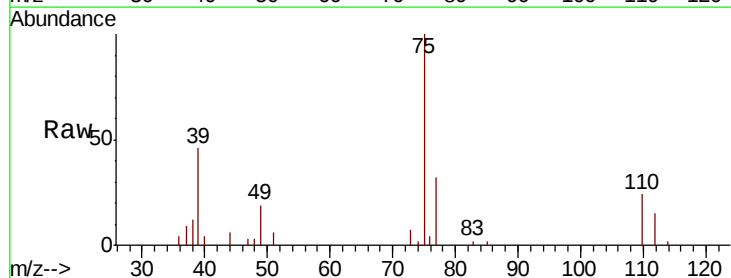
Tgt Ion: 75 Resp: 15082

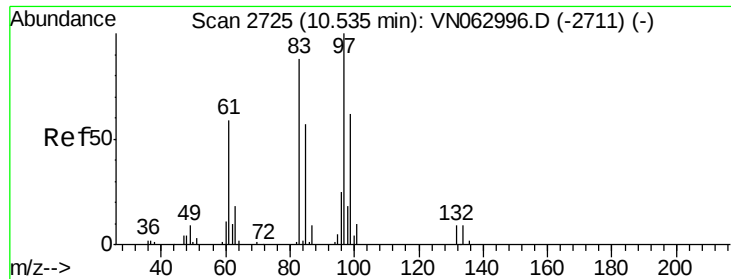
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 46.1 35.7 53.5

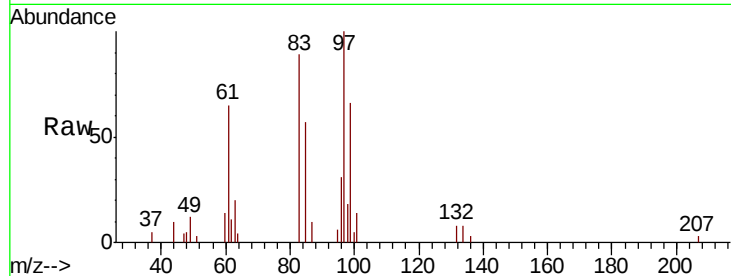




#55
 1,1,2-Trichloroethane
 Concen: 4.811 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	9697
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.5	105.7
85	56.6	45.8	68.6
99	65.8	49.7	74.5



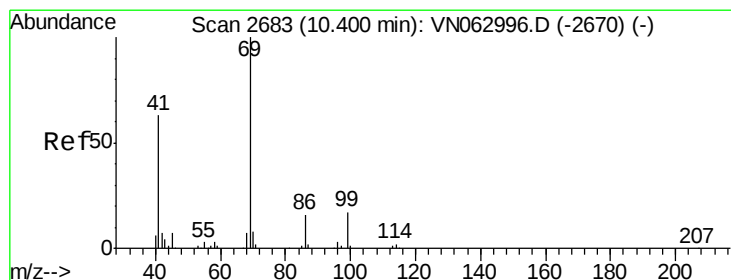
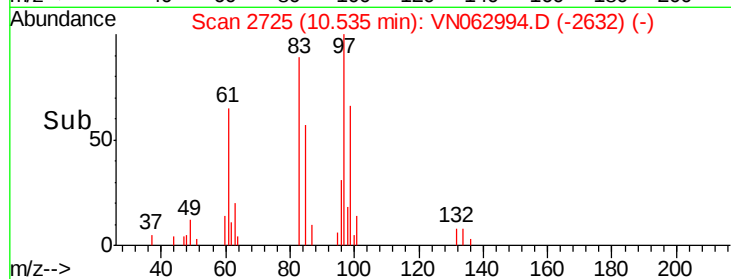
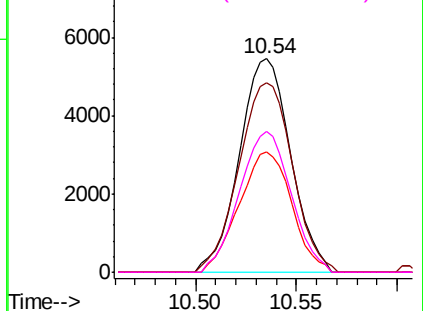
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

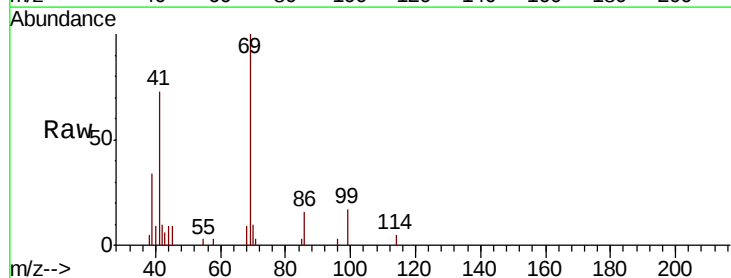
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 4.208 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion:	69	Resp:	11454
Ion	Ratio	Lower	Upper
69	100		
41	68.3	50.2	75.2
39	29.9	24.2	36.4

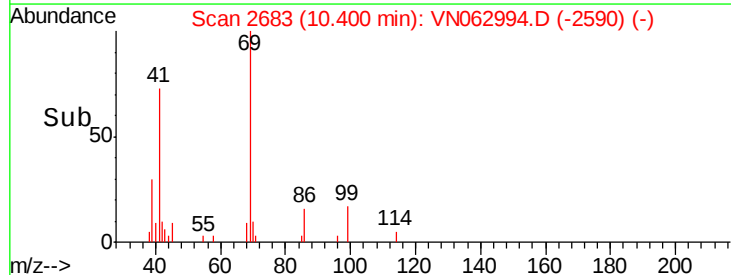
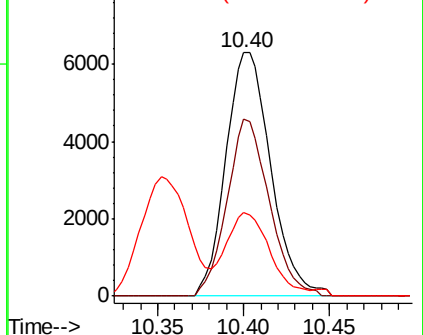


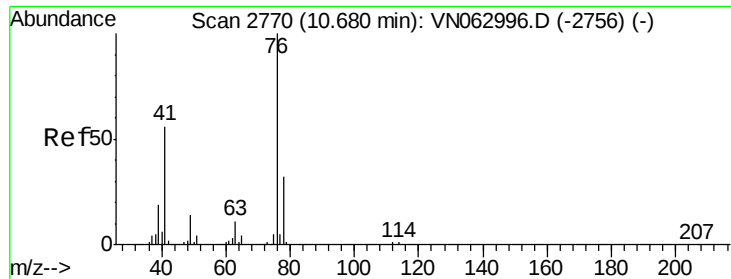
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 4.826 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

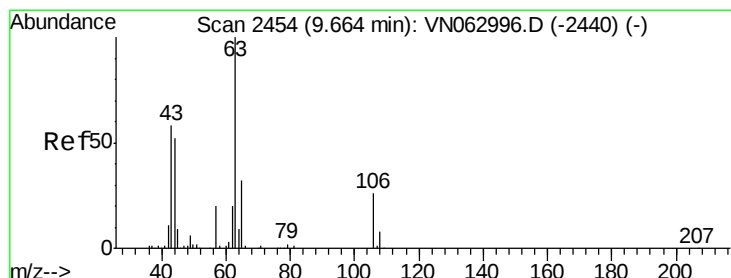
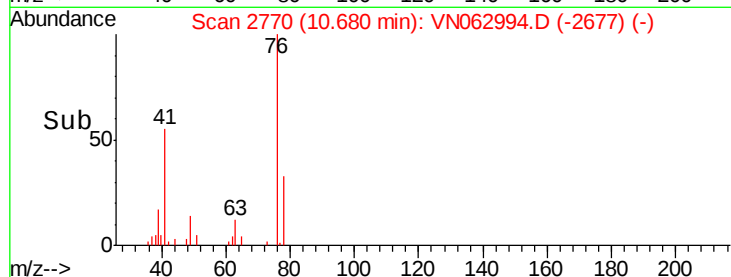
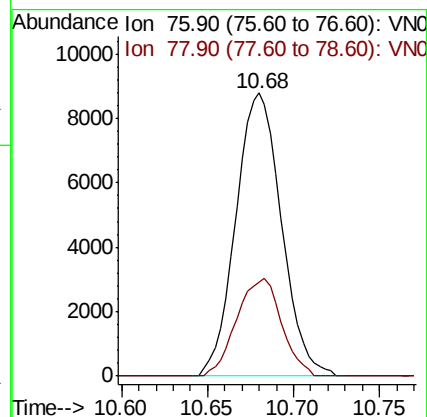
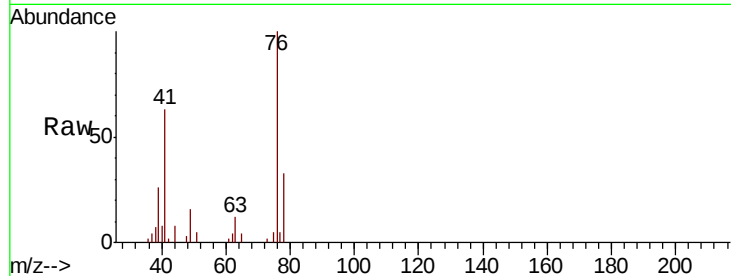
VSTDIC005

Tot Ion: 76 Resp: 16152

Ion Ratio Lower Upper

76 100

78 33.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 21.049 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VN062994.D

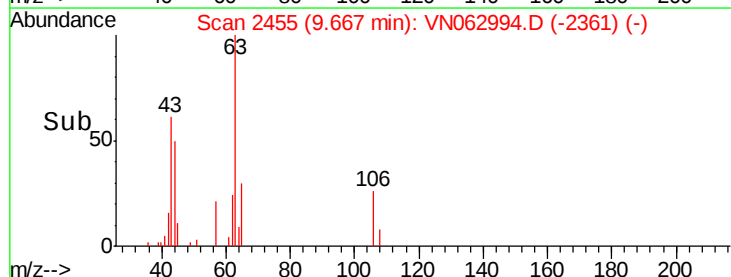
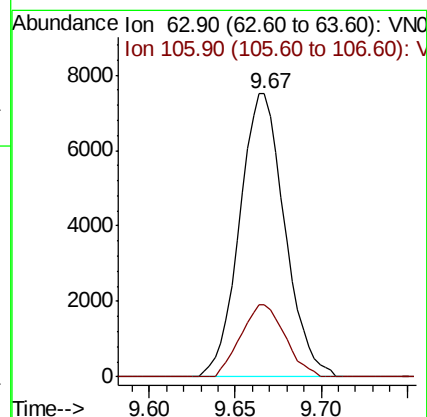
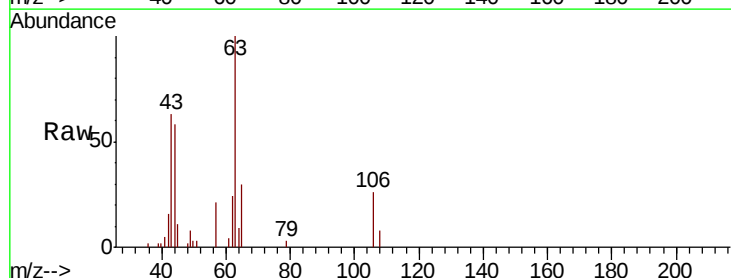
Acq: 18 Aug 2020 19:05

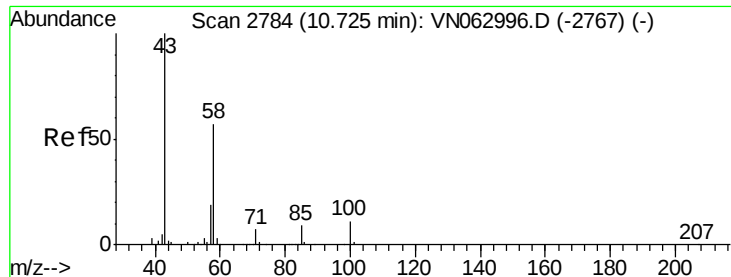
Tgt Ion: 63 Resp: 13732

Ion Ratio Lower Upper

63 100

106 24.9 20.7 31.1

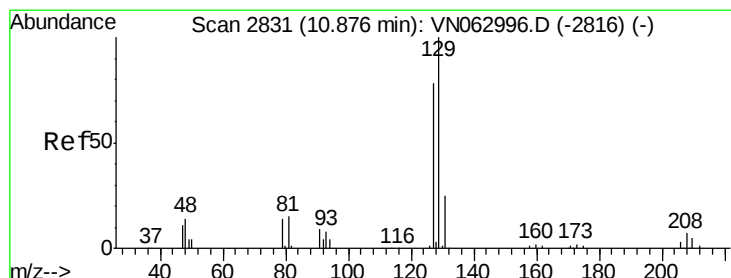
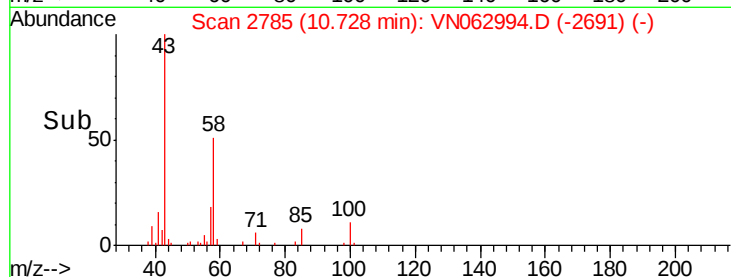
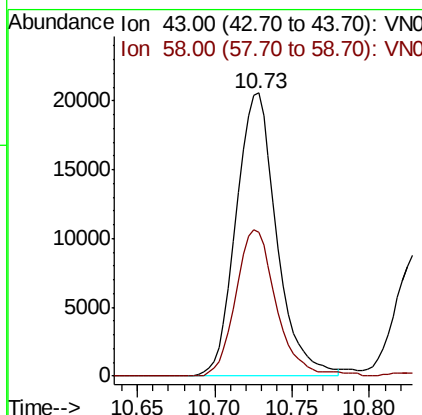
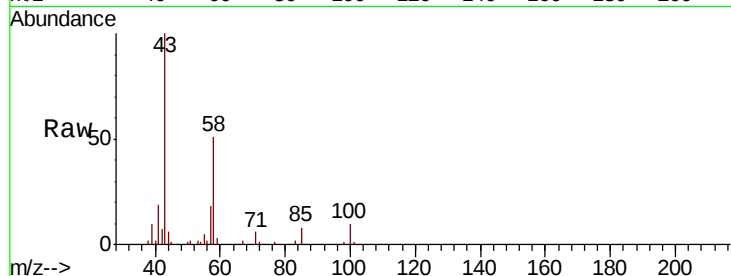




#59
2-Hexanone
Concen: 22.269 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

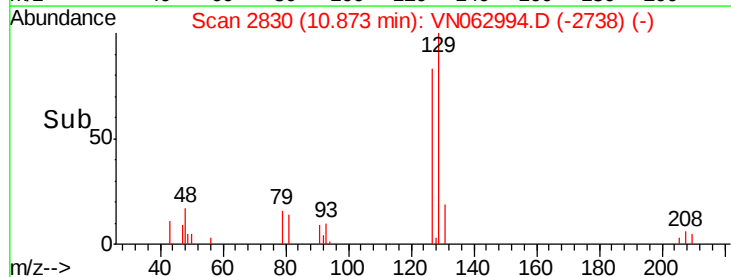
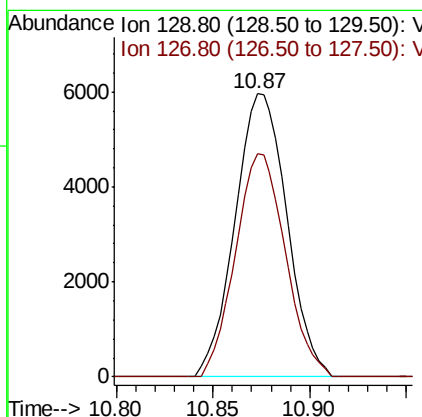
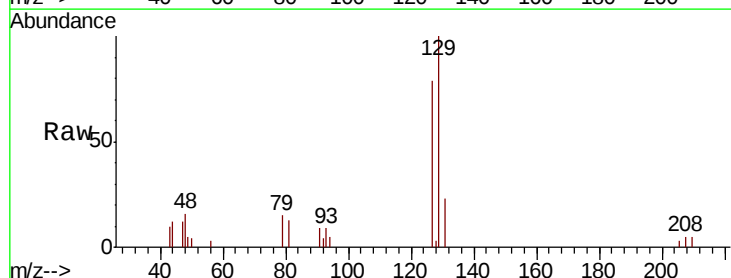
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

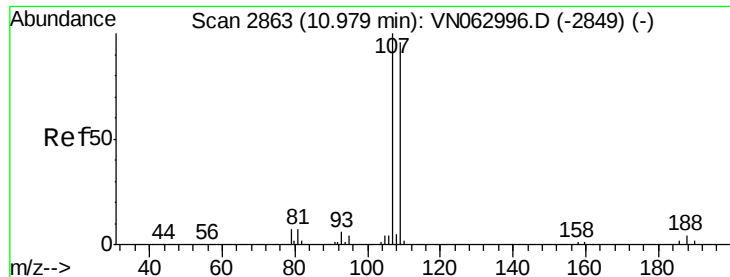
Tot Ion: 43 Resp: 37554
Ion Ratio Lower Upper
43 100
58 51.6 28.1 84.3



#60
Dibromochloromethane
Concen: 4.984 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 129 Resp: 11117
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2

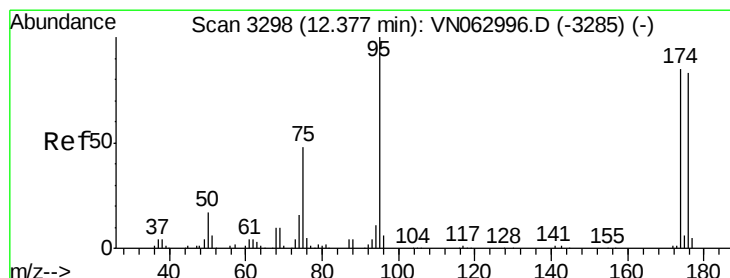
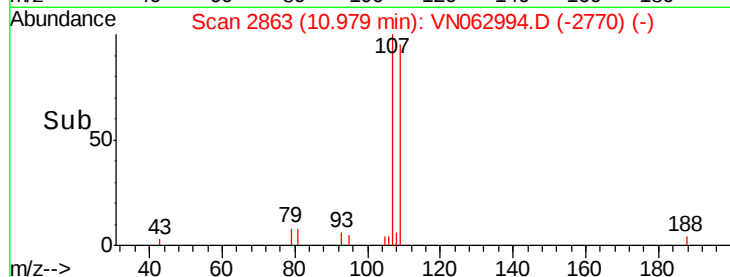
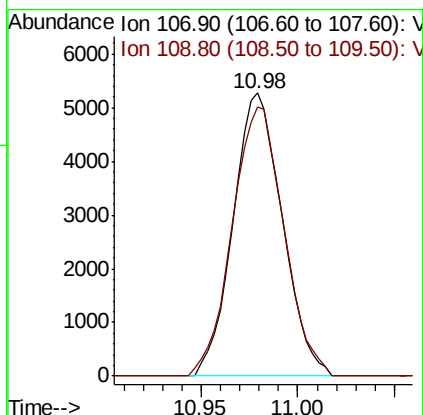
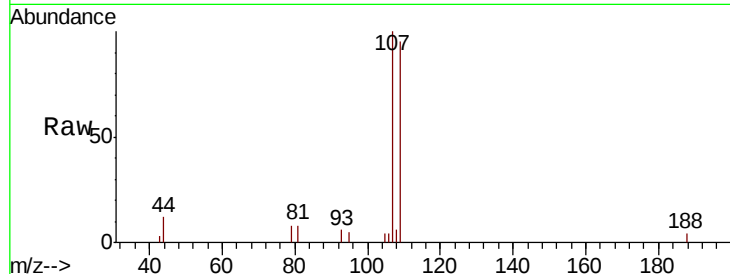




#61
 1,2-Dibromoethane
 Concen: 4.823 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

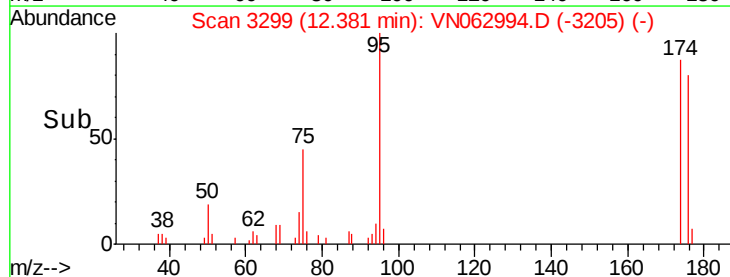
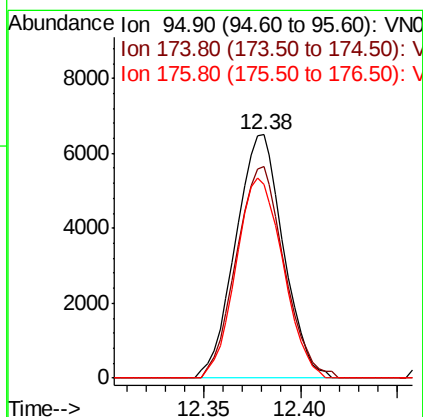
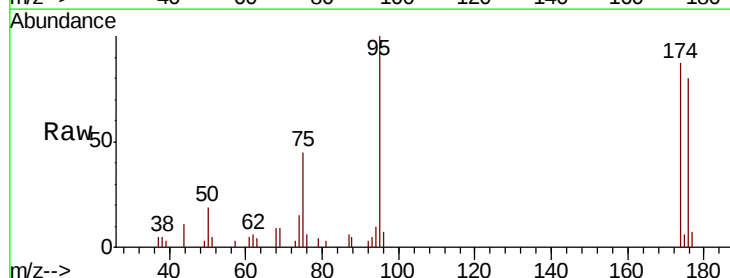
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

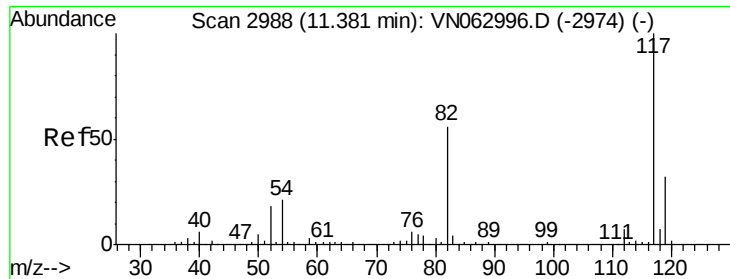
Tot Ion: 107 Resp: 9342
 Ion Ratio Lower Upper
 107 100
 109 99.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 4.512 ug/l
 RT: 12.38 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 95 Resp: 11141
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 170.8
 176 81.1 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

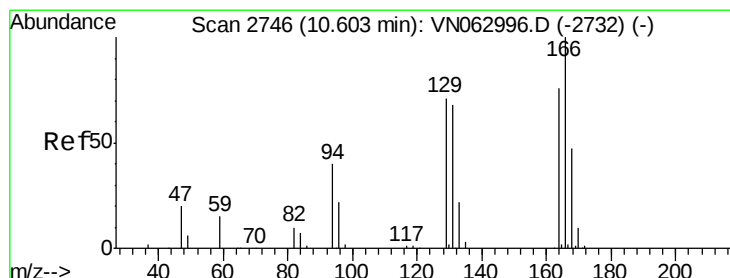
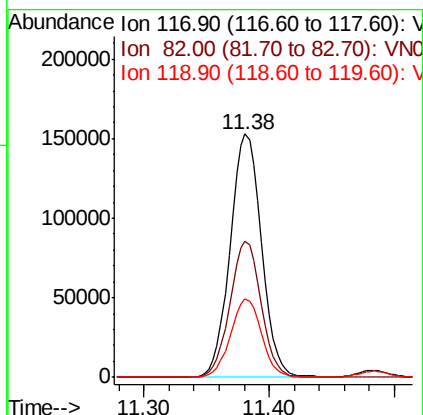
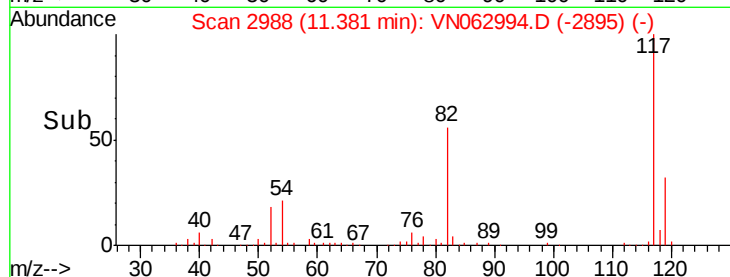
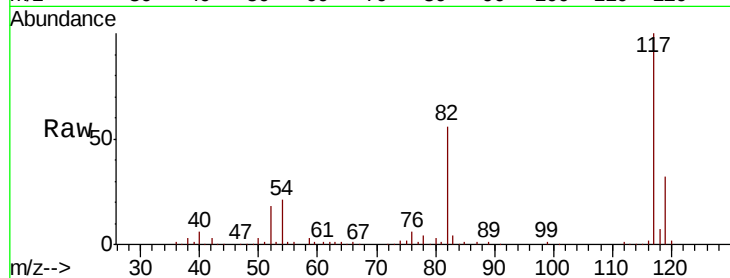
Tot Ion:117 Resp: 265419

Ion Ratio Lower Upper

117 100

82 56.1 44.5 66.7

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 5.110 ug/l

RT: 10.61 min Scan# 2747

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion:164 Resp: 8916

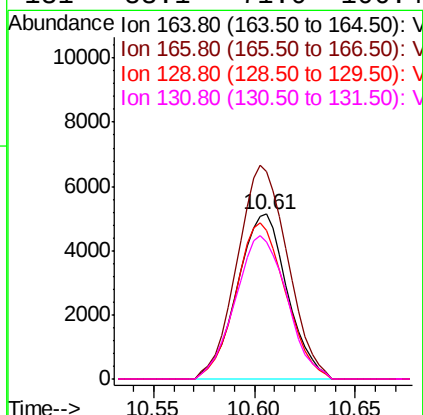
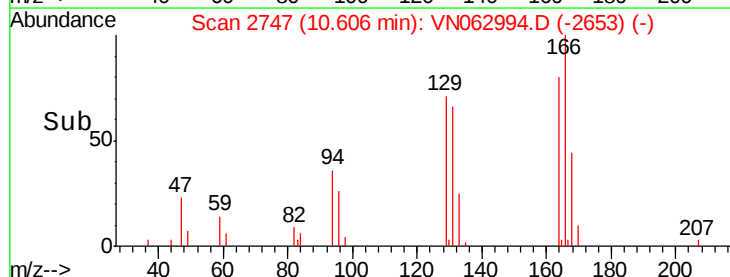
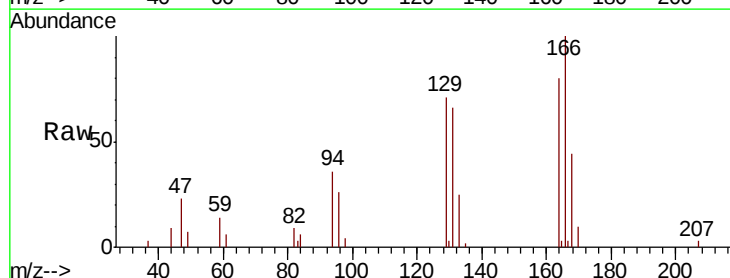
Ion Ratio Lower Upper

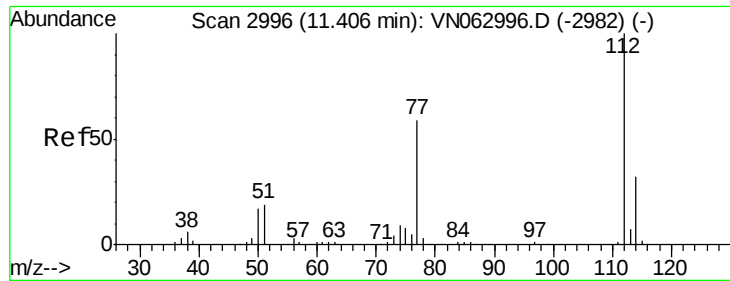
164 100

166 125.7 105.0 157.6

129 89.8 74.7 112.1

131 83.1 71.0 106.4

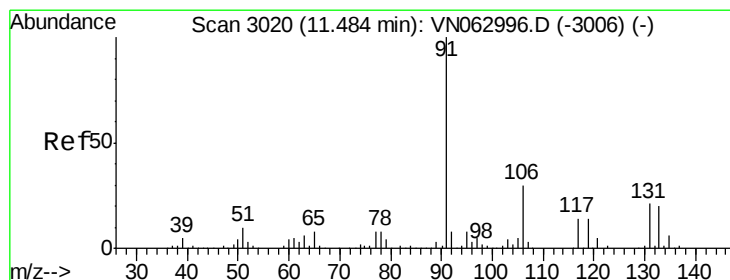
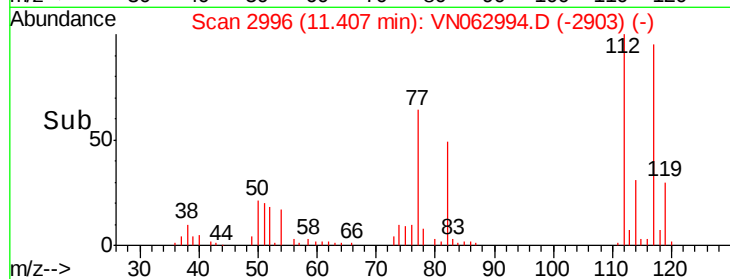
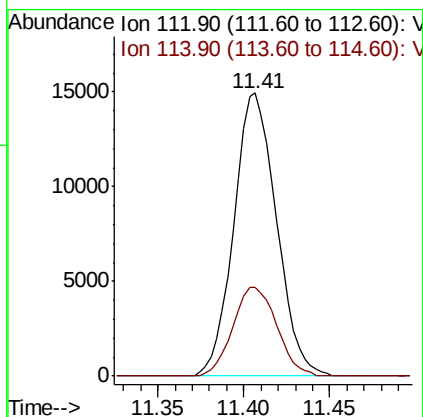
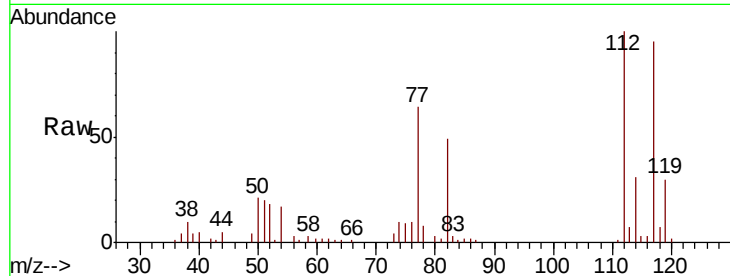




#65
Chlorobenzene
Concen: 4.844 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

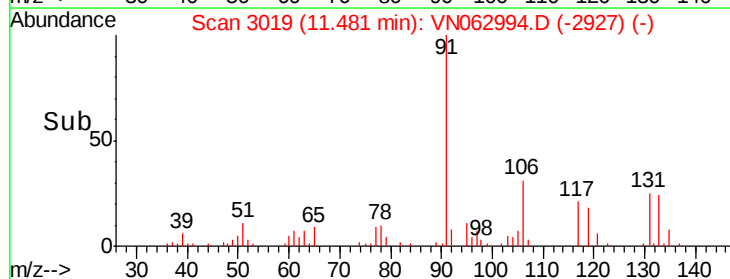
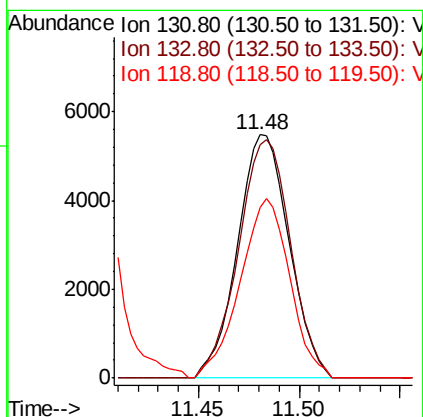
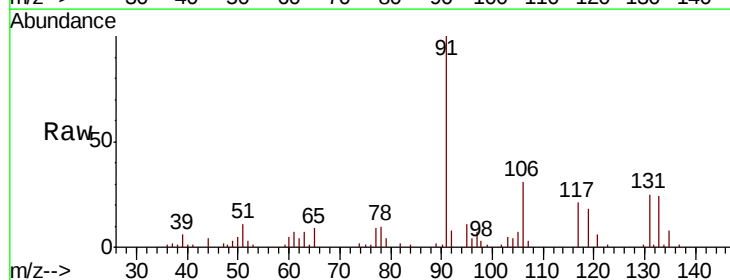
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

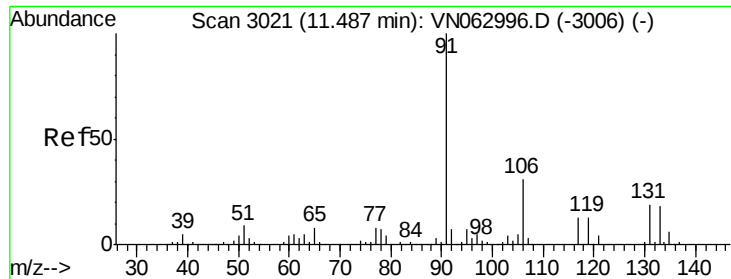
Tot Ion:112 Resp: 25823
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.734 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion:131 Resp: 9815
Ion Ratio Lower Upper
131 100
133 98.9 47.5 142.6
119 70.7 33.1 99.3

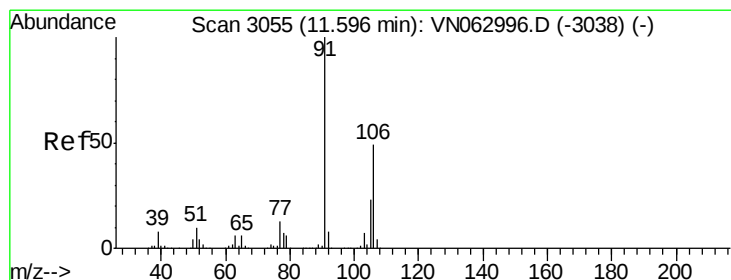
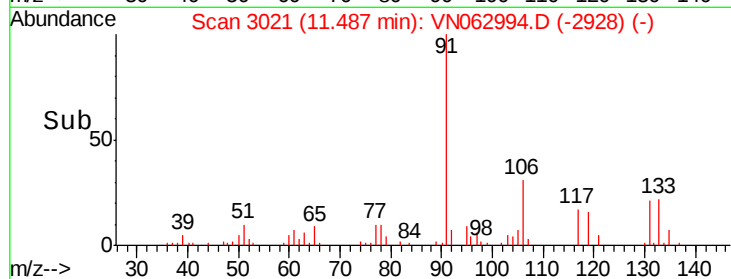
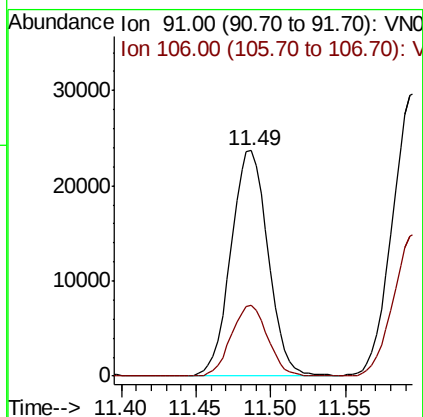
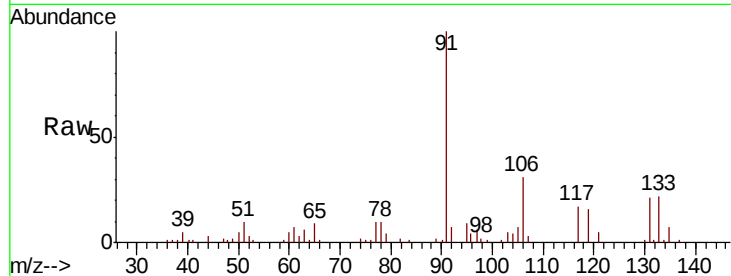




#67
Ethyl Benzene
Concen: 4.548 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

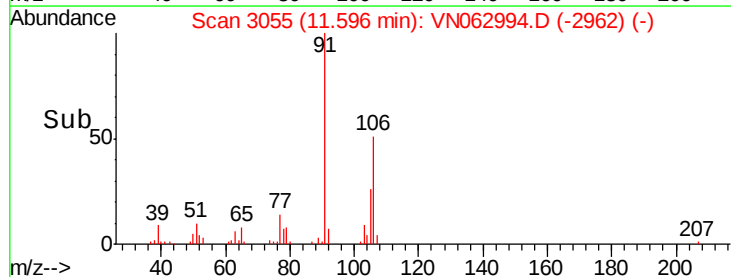
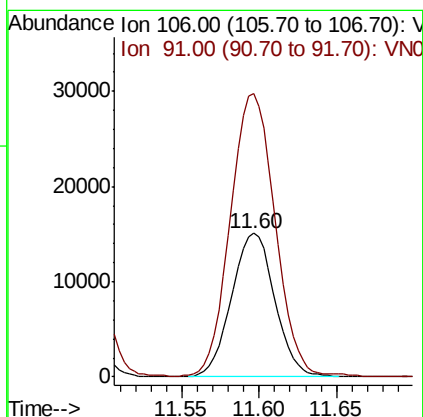
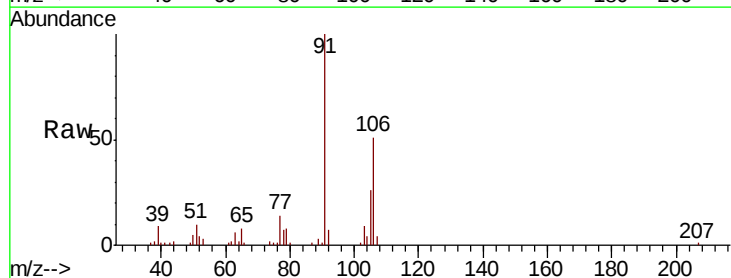
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

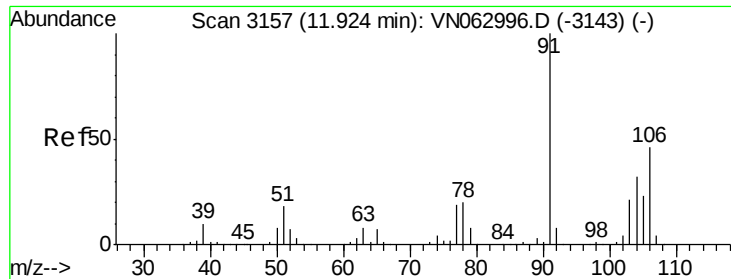
Tot Ion: 91 Resp: 40960
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 8.766 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 106 Resp: 29347
Ion Ratio Lower Upper
106 100
91 204.3 163.0 244.4

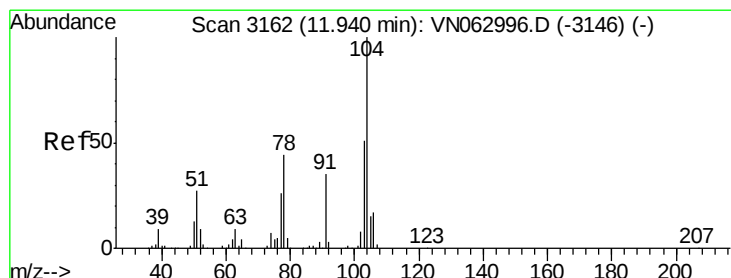
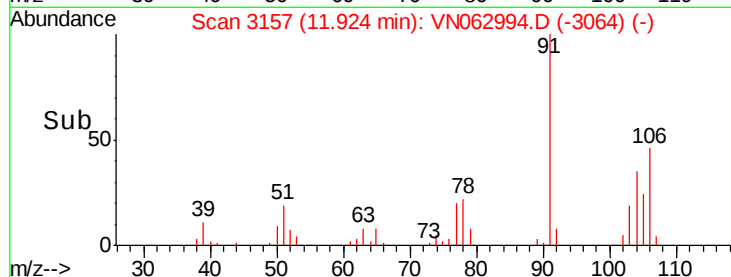
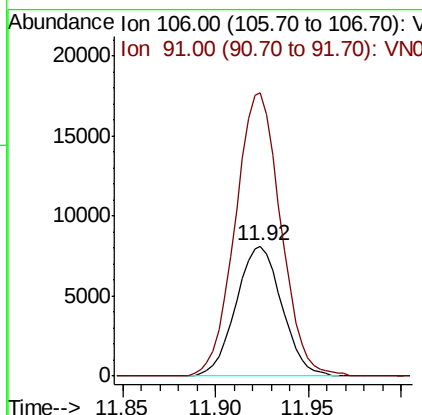
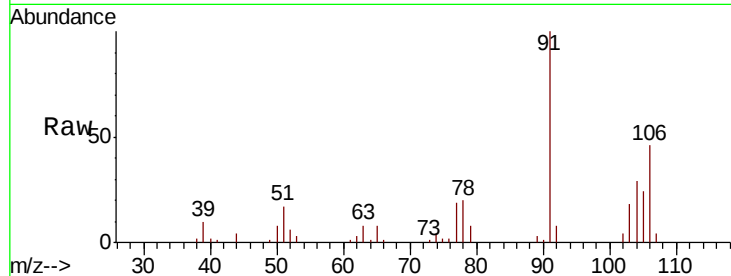




#69
o-Xylene
Concen: 4.337 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

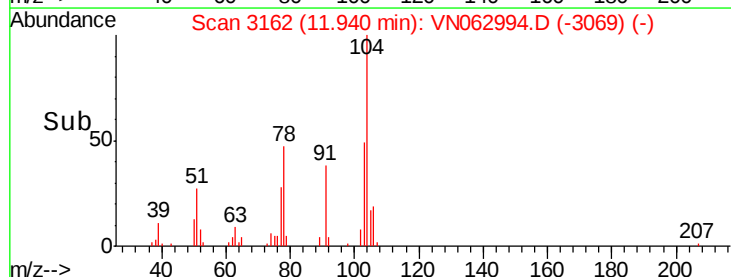
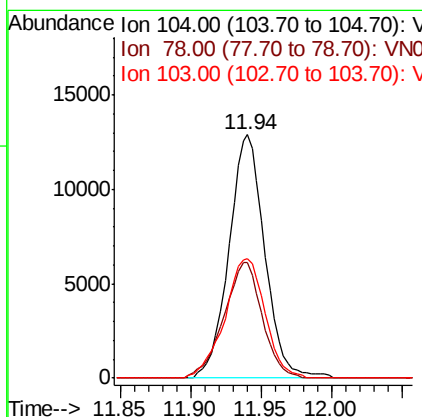
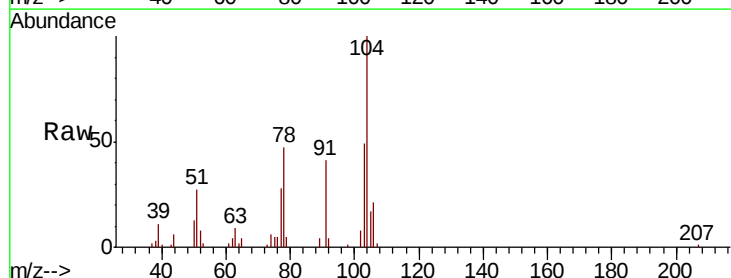
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

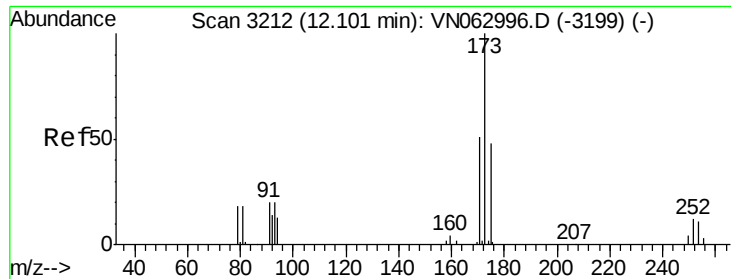
Tot Ion:106 Resp: 13943
Ion Ratio Lower Upper
106 100
91 216.3 107.3 321.9



#70
Styrene
Concen: 4.143 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion:104 Resp: 22857
Ion Ratio Lower Upper
104 100
78 50.8 39.0 58.6
103 55.1 44.3 66.5





#71

Bromoform

Concen: 4.833 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

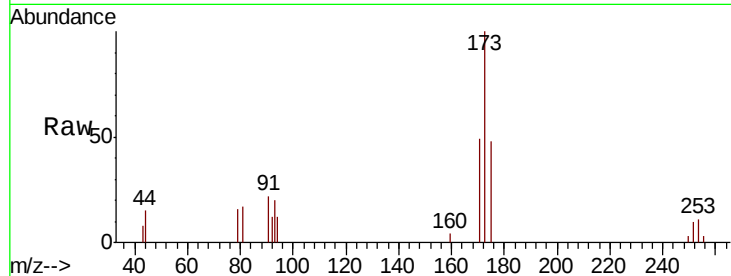
Tot Ion:173 Resp: 7976

Ion Ratio Lower Upper

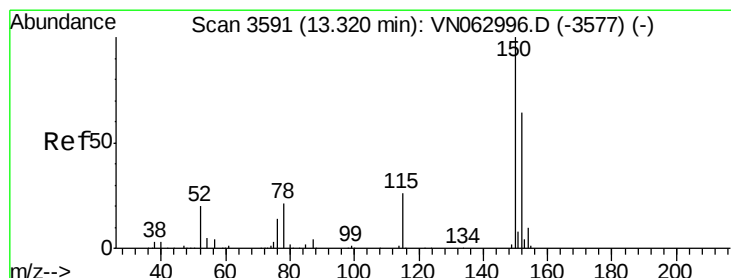
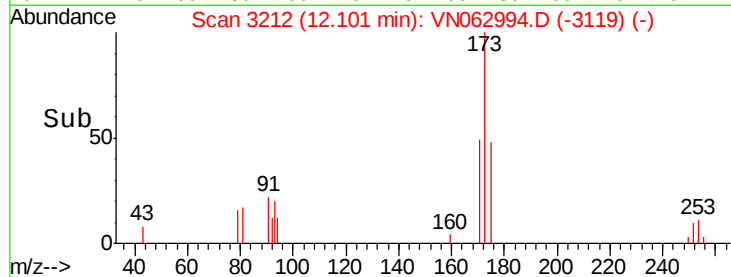
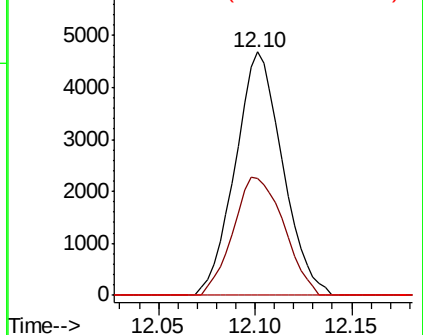
173 100

175 51.8 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

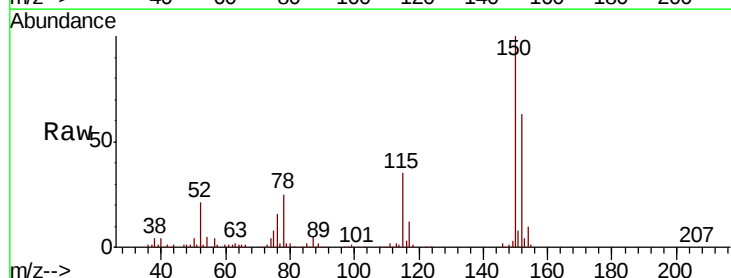
Tgt Ion:152 Resp: 113700

Ion Ratio Lower Upper

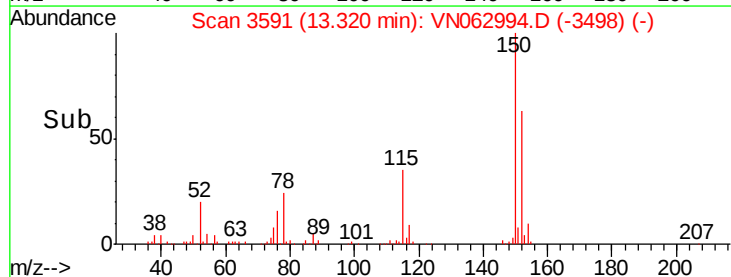
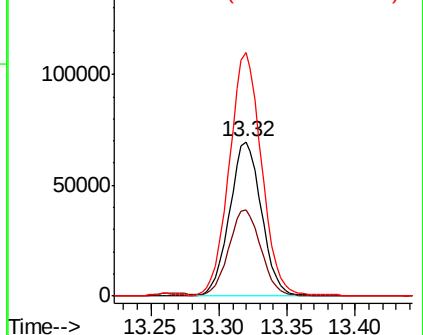
152 100

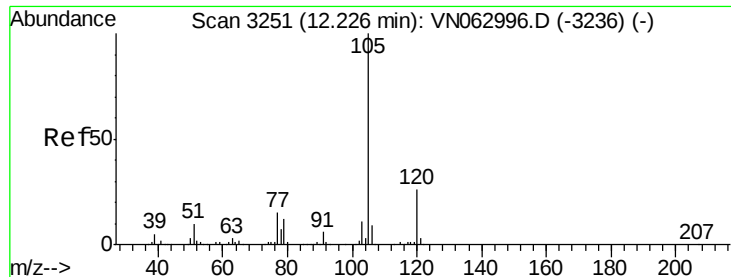
115 56.8 28.7 86.3

150 158.3 0.0 348.8



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





#73

Isopropylbenzene

Concen: 4.720 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

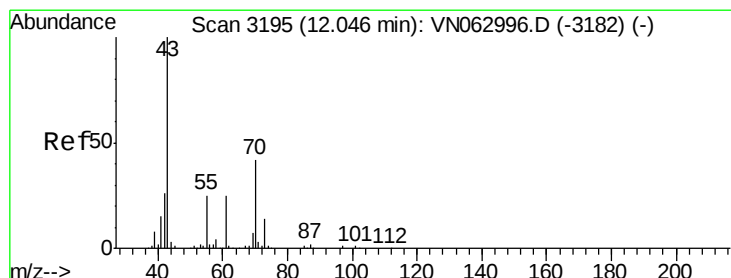
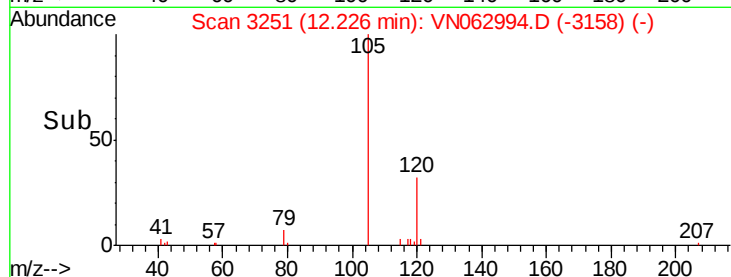
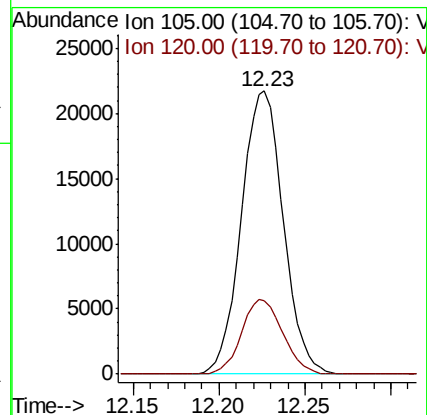
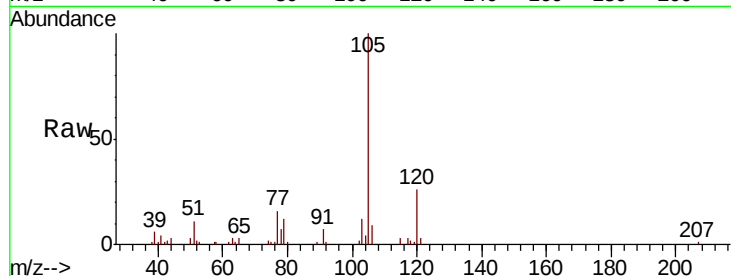
VSTDIC005

Tot Ion:105 Resp: 36752

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 4.507 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Tgt Ion: 43 Resp: 12569

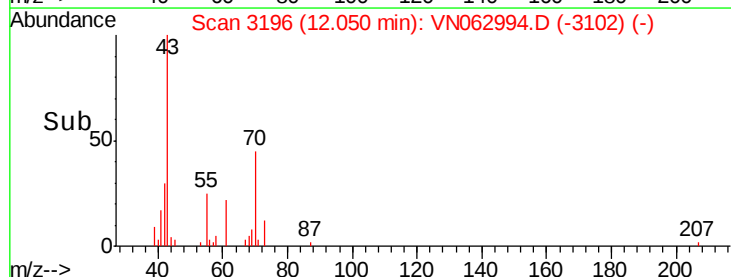
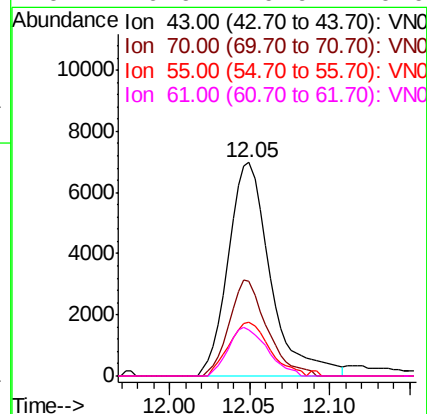
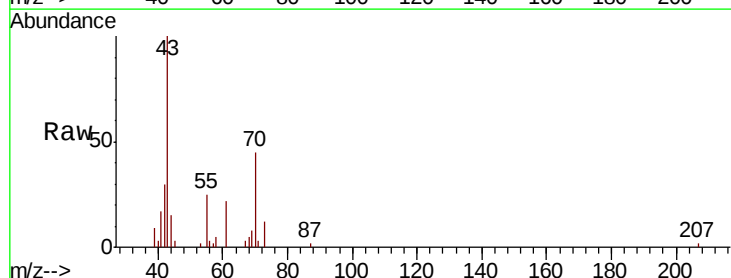
Ion Ratio Lower Upper

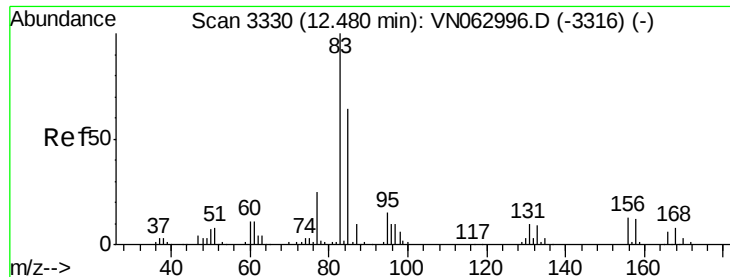
43 100

70 40.1 33.4 50.0

55 24.0 20.2 30.2

61 20.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.344 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

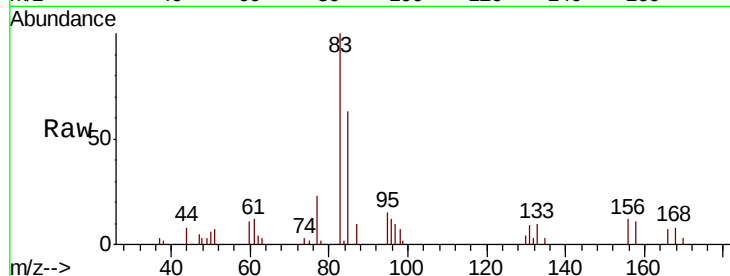
Tot Ion: 83 Resp: 14847

Ion Ratio Lower Upper

83 100

131 8.4 4.9 14.7

85 63.9 31.9 95.5

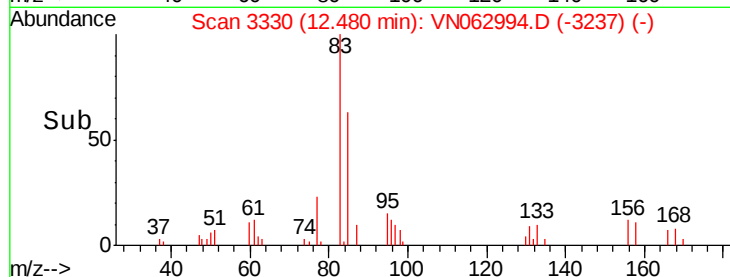


Abundance Ion 82.90 (82.60 to 83.60): VN062994.D (-3316) (-)

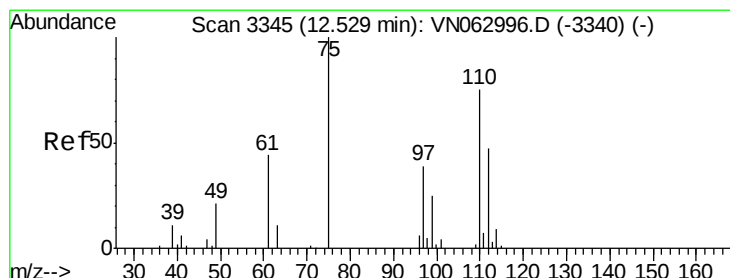
Ion 130.80 (130.50 to 131.50): VN062994.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062994.D (-3316) (-)

12.48



Time-->



#76

1,2,3-Trichloropropane

Concen: 7.565 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062994.D

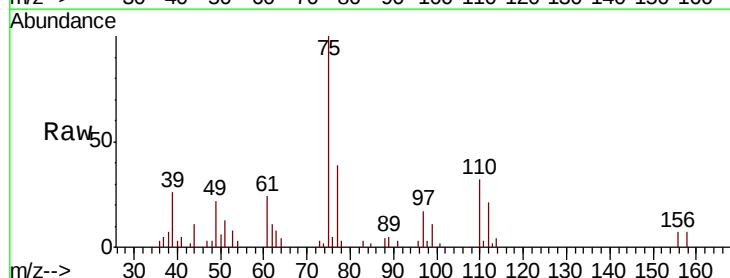
Acq: 18 Aug 2020 19:05

Tgt Ion: 75 Resp: 16941

Ion Ratio Lower Upper

75 100

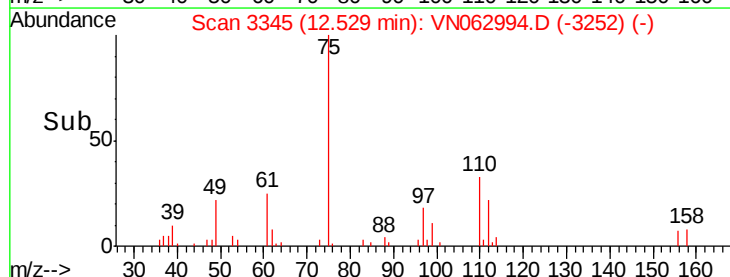
77 0.0 0.0 0.0



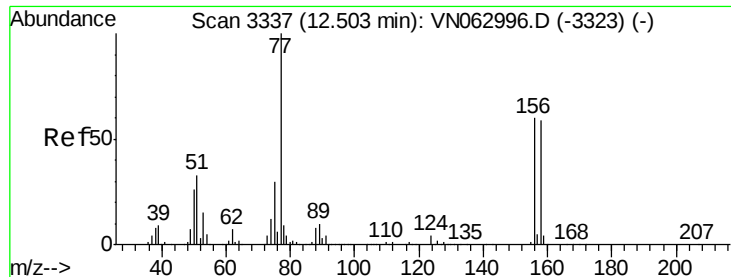
Abundance Ion 74.90 (74.60 to 75.60): VN062994.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062994.D (-3340) (-)

12.53



Time-->



#77

Bromobenzene

Concen: 5.007 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

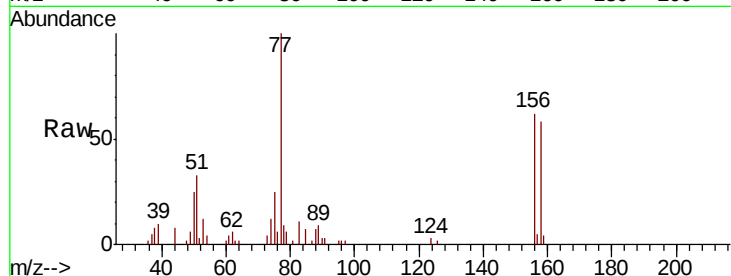
Tot Ion:156 Resp: 10722

Ion Ratio Lower Upper

156 100

77 207.6 101.0 302.9

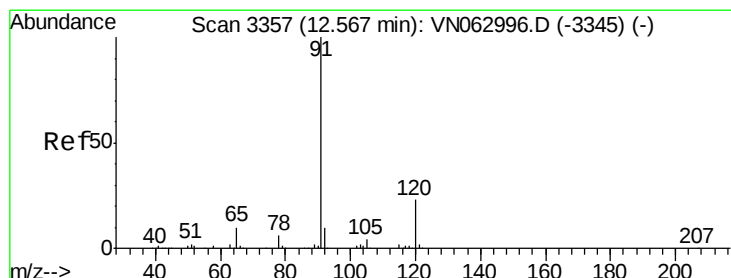
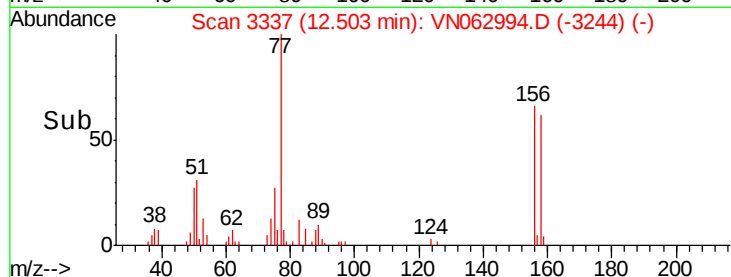
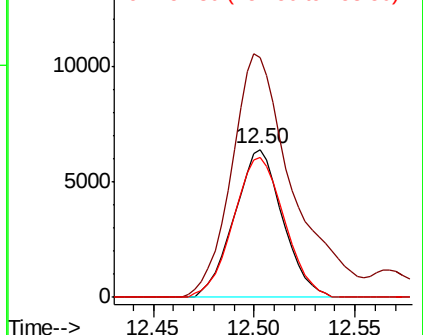
158 99.6 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.739 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062994.D

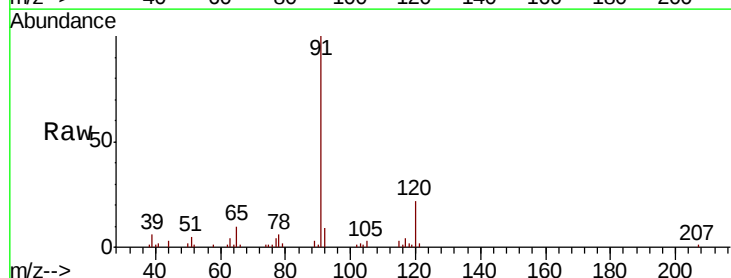
Acq: 18 Aug 2020 19:05

Tgt Ion: 91 Resp: 42058

Ion Ratio Lower Upper

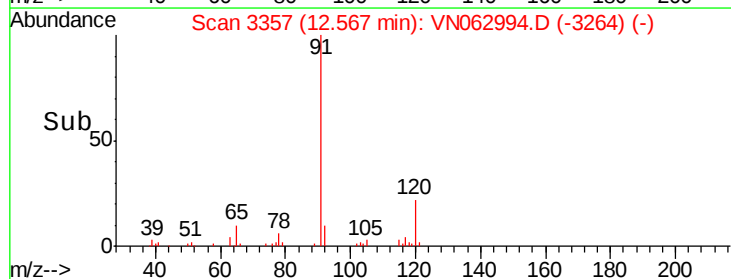
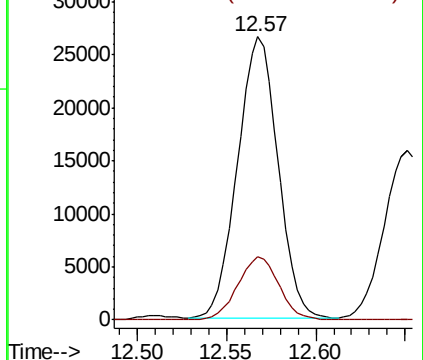
91 100

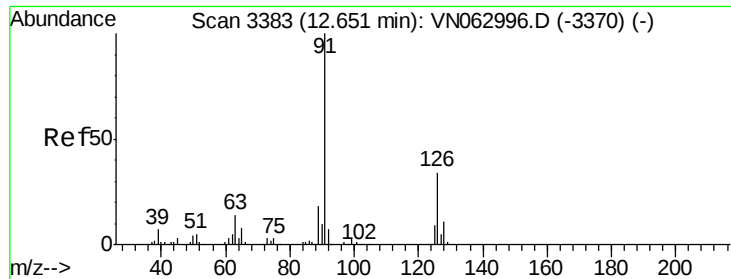
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

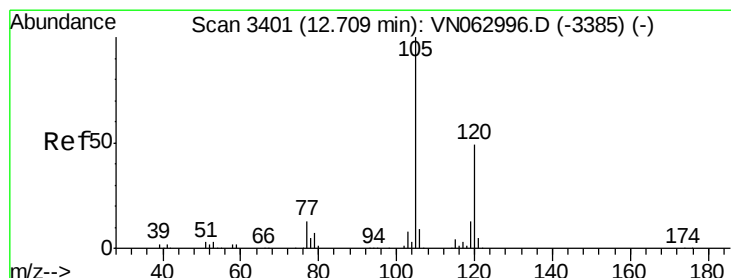
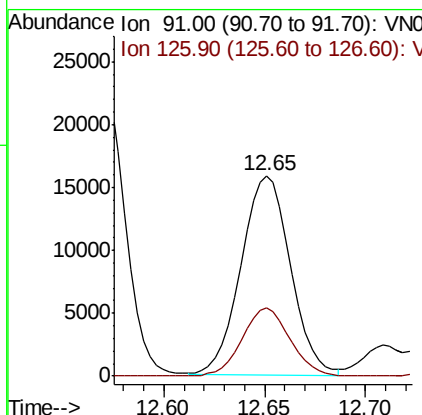
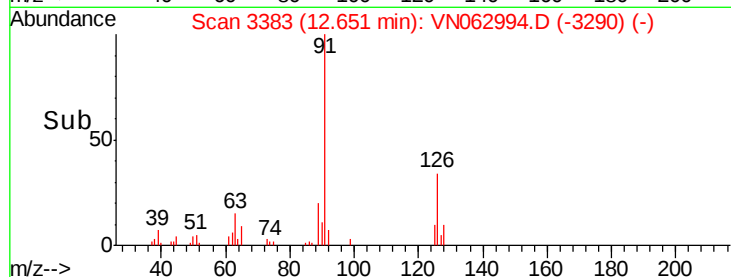
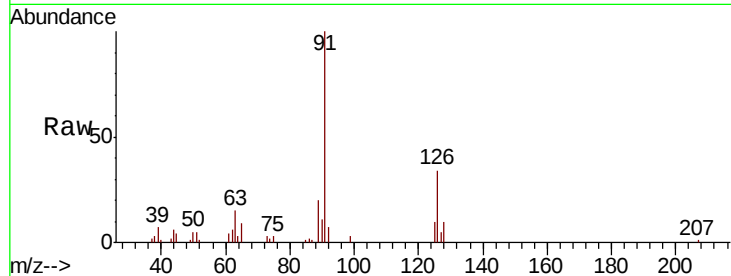




#79
 2-Chlorotoluene
 Concen: 4.870 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

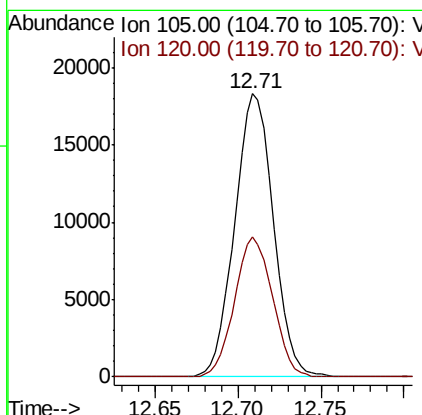
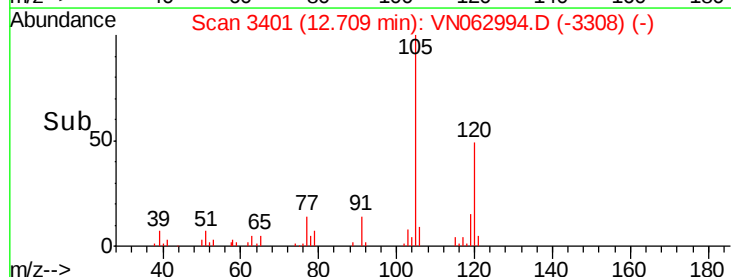
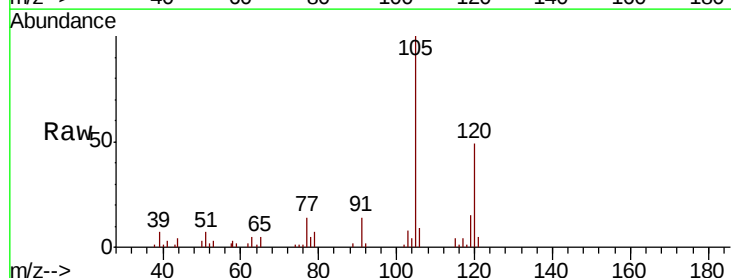
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

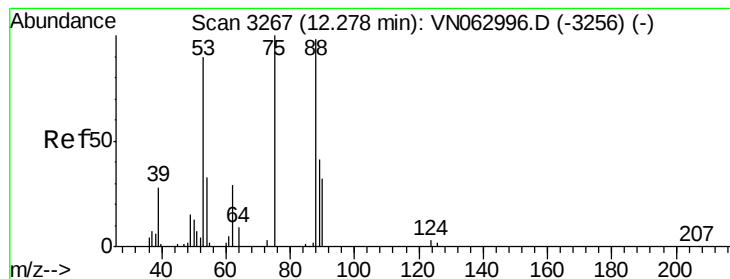
Tot Ion: 91 Resp: 27187
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 4.616 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion: 105 Resp: 29708
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.614 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062994.D

Acq: 18 Aug 2020 19:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

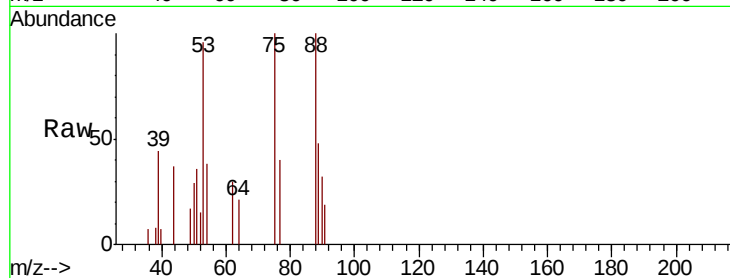
Tot Ion: 75 Resp: 3713

Ion Ratio Lower Upper

75 100

53 95.0 69.2 103.8

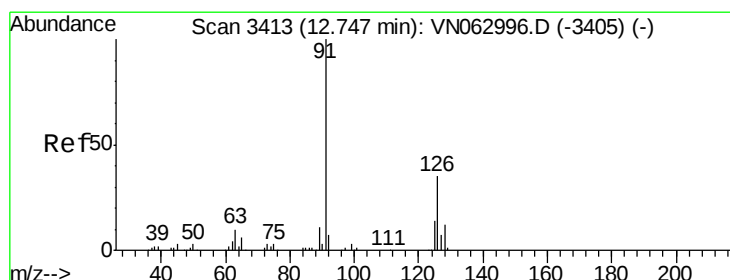
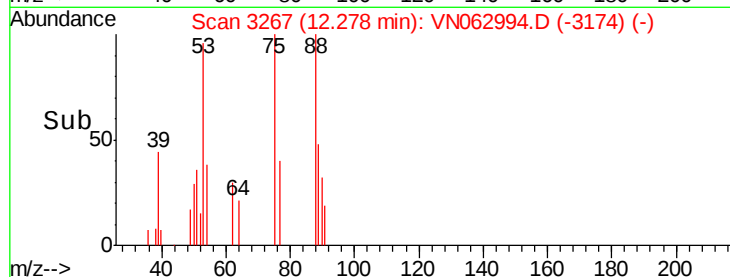
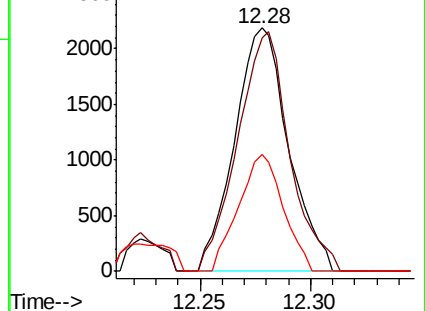
89 39.6 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN062996.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062996.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062996.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 4.816 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062994.D

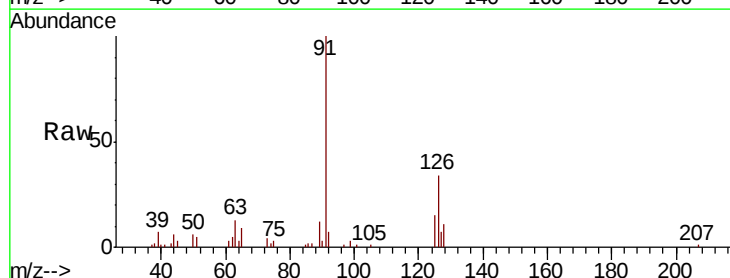
Acq: 18 Aug 2020 19:05

Tgt Ion: 91 Resp: 27372

Ion Ratio Lower Upper

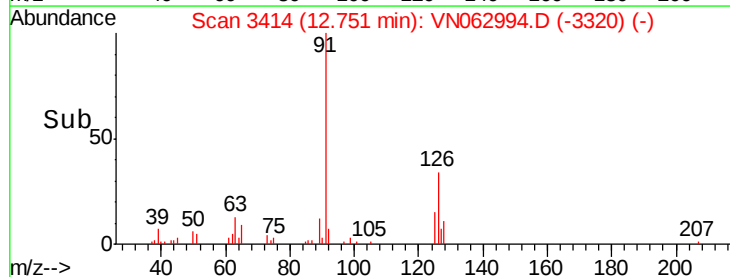
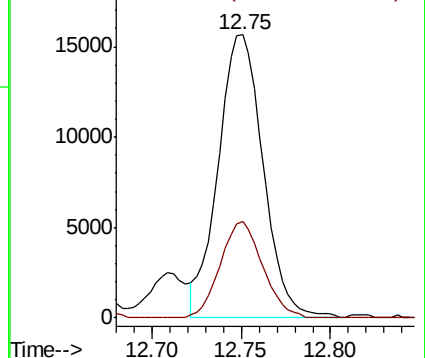
91 100

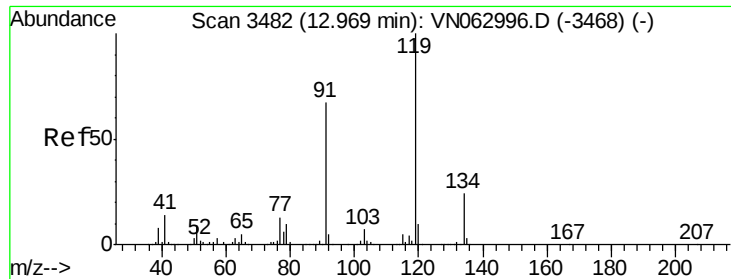
126 32.2 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3405) (-)

Ion 125.90 (125.60 to 126.60): VN062996.D (-3405) (-)

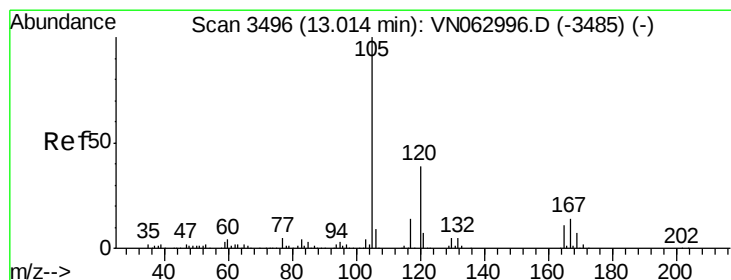
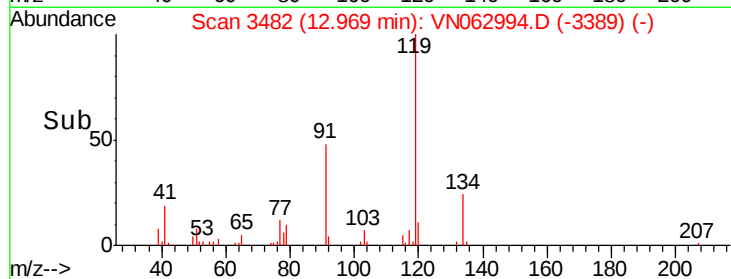
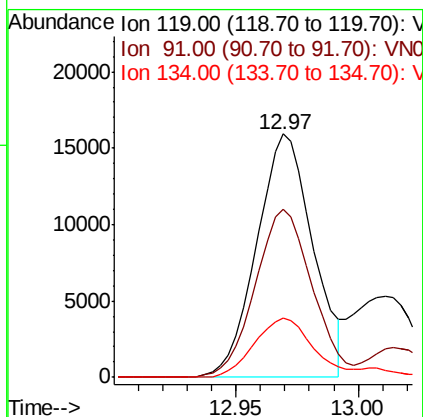
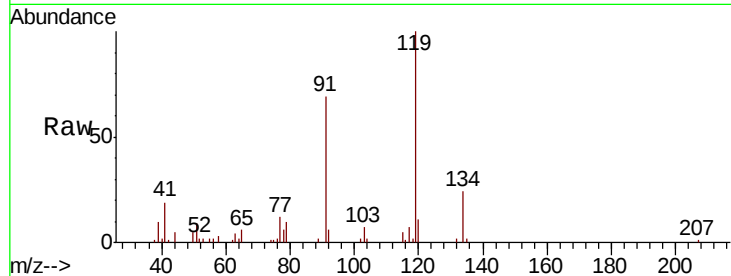




#83
tert-Butylbenzene
Concen: 4.584 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

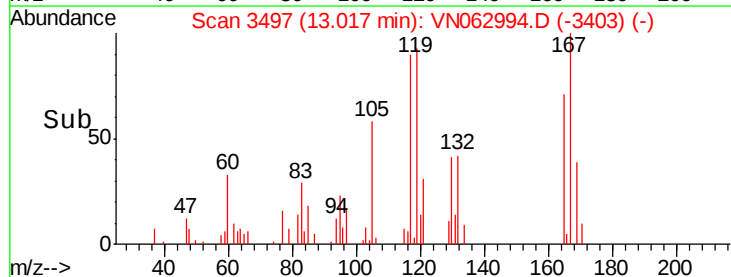
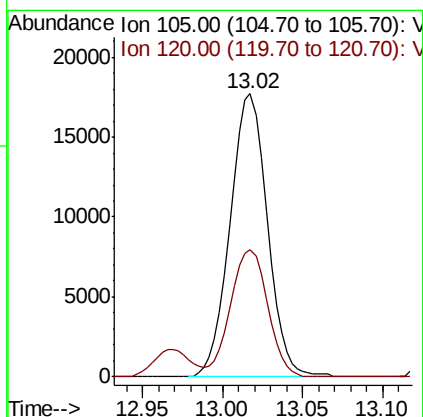
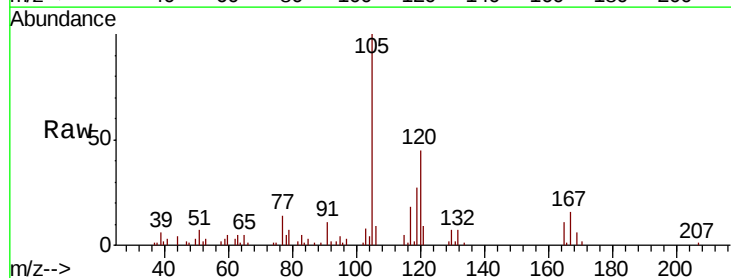
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

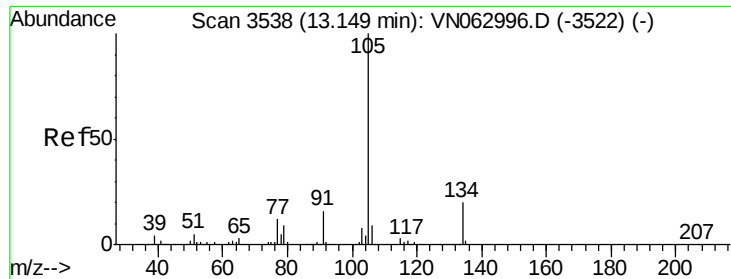
Tot Ion:119 Resp: 25465
Ion Ratio Lower Upper
119 100
91 70.0 32.5 97.4
134 25.3 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 4.487 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion:105 Resp: 28137
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5

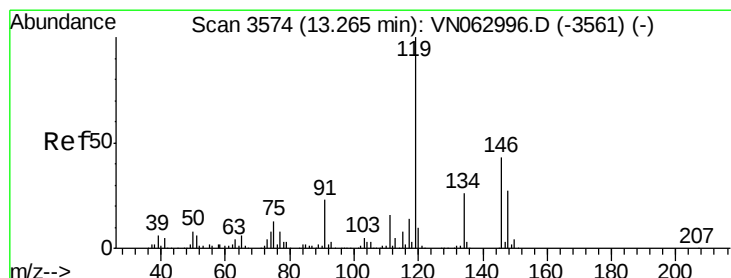
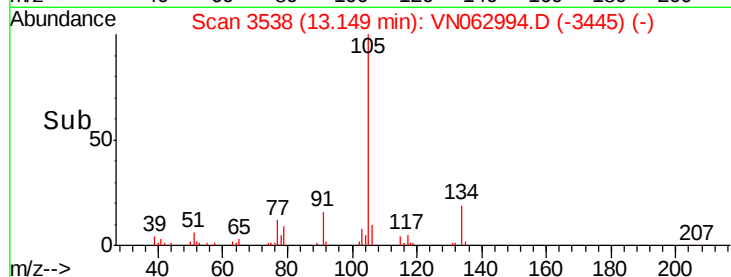
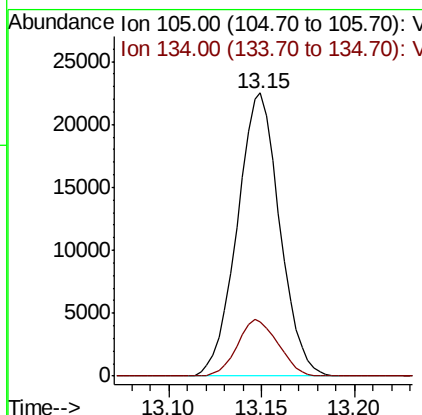
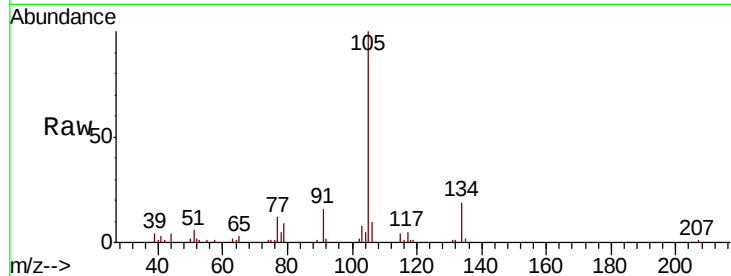




#85
 sec-Butylbenzene
 Concen: 4.757 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

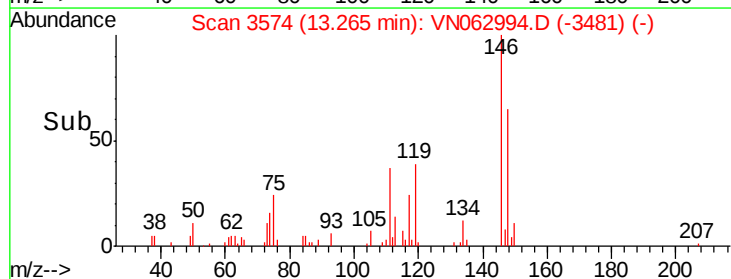
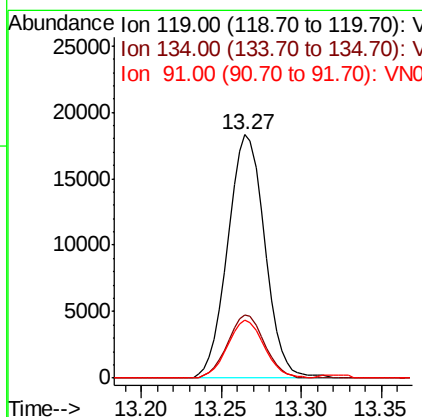
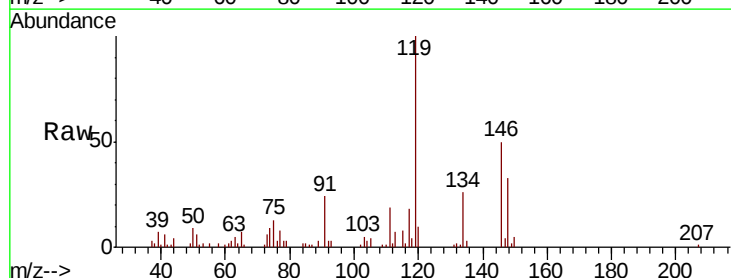
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

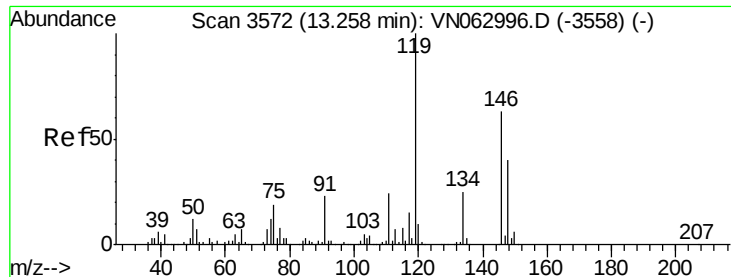
Tot Ion:105 Resp: 35714
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.421 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion:119 Resp: 28923
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.6 11.5 34.4

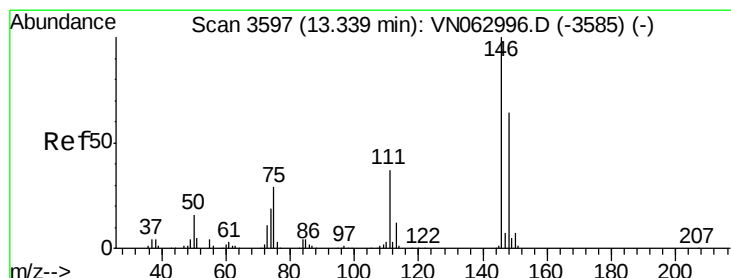
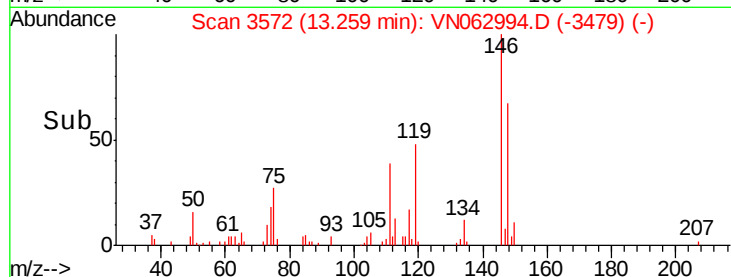
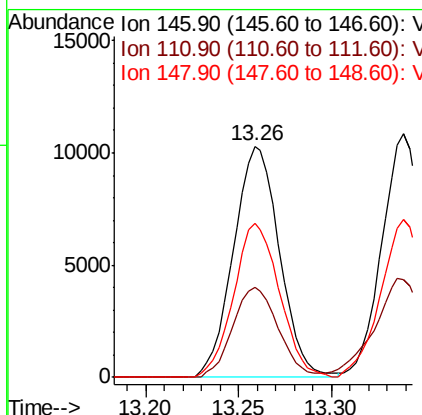
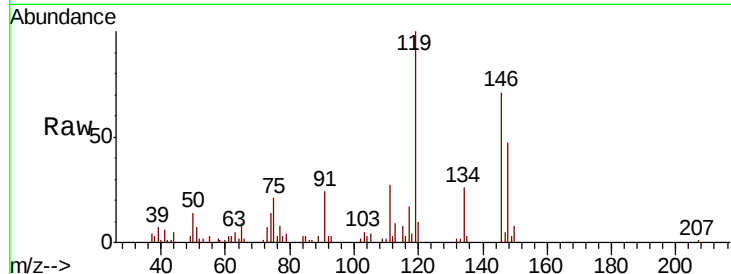




#87
 1,3-Dichlorobenzene
 Concen: 4.817 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

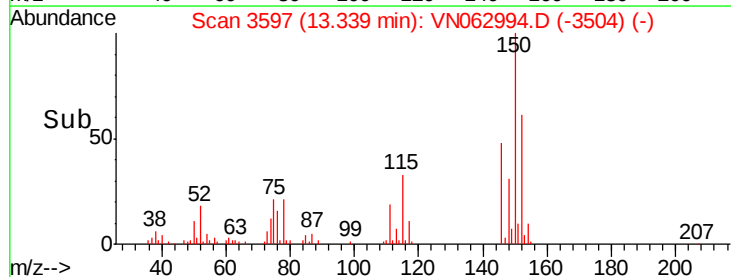
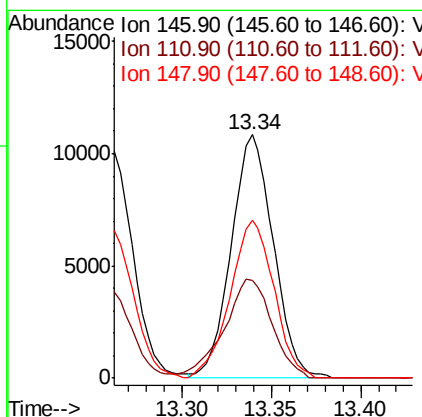
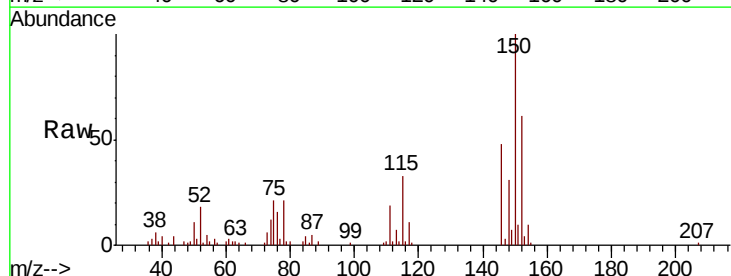
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

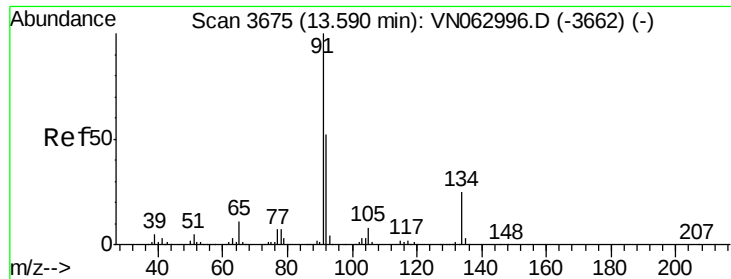
Tot Ion:146 Resp: 17729
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 66.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 4.771 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion:146 Resp: 17821
 Ion Ratio Lower Upper
 146 100
 111 46.5 18.8 56.4
 148 67.0 32.4 97.0

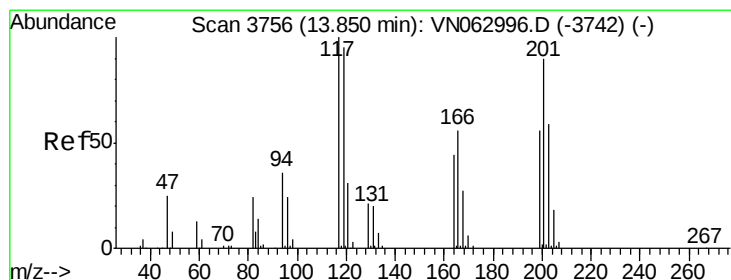
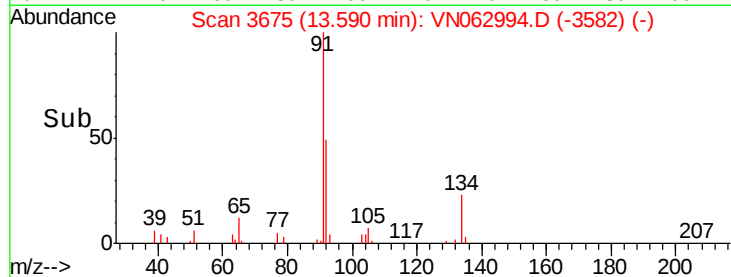
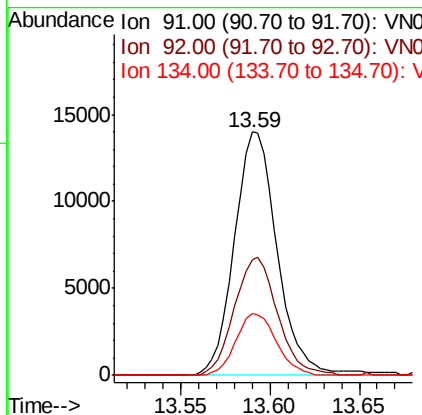
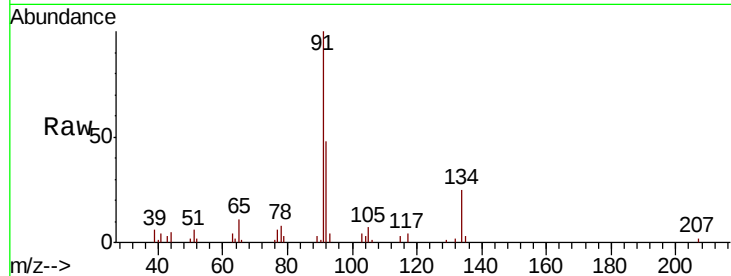




#89
n-Butylbenzene
Concen: 4.231 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

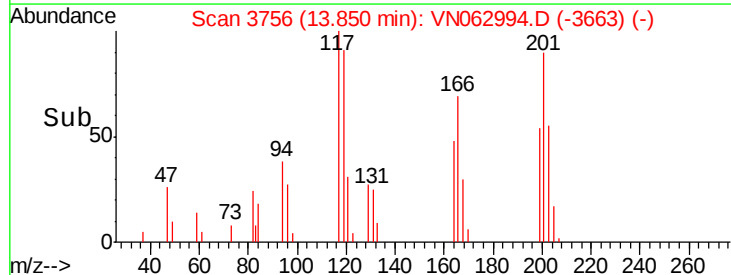
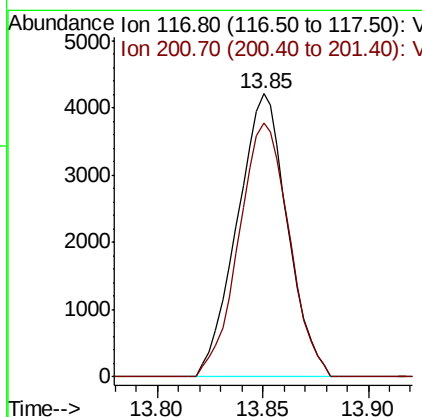
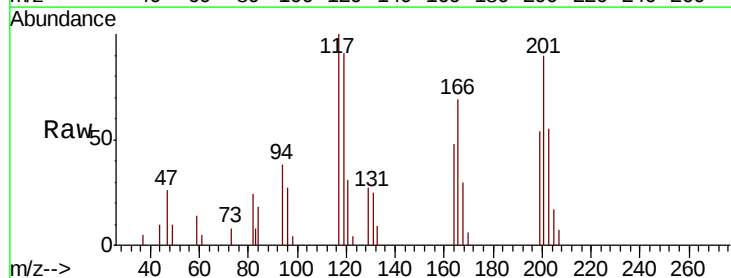
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

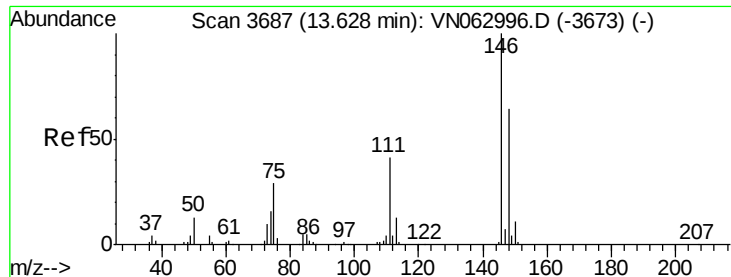
Tot Ion: 91 Resp: 23359
Ion Ratio Lower Upper
91 100
92 49.0 25.9 77.6
134 24.2 12.4 37.0



#90
Hexachloroethane
Concen: 5.010 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion: 117 Resp: 6966
Ion Ratio Lower Upper
117 100
201 90.0 44.1 132.4

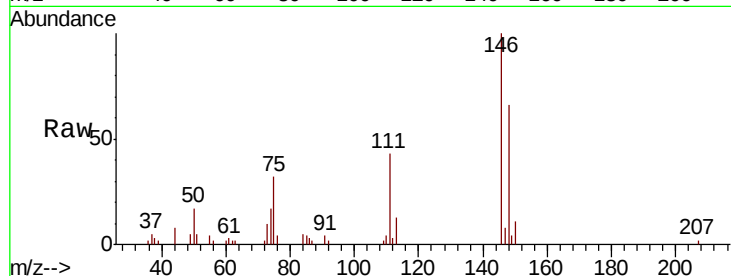




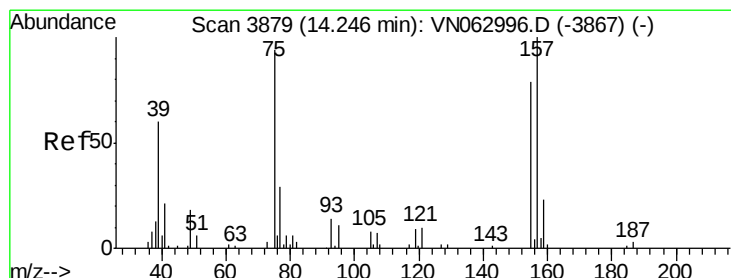
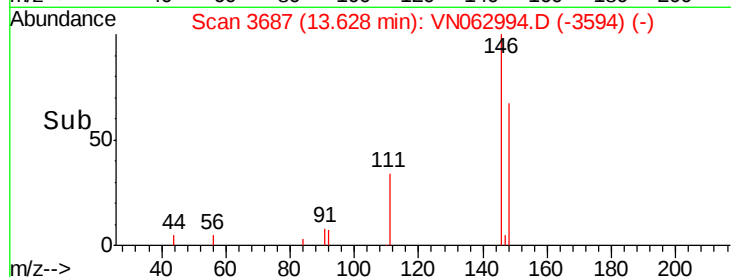
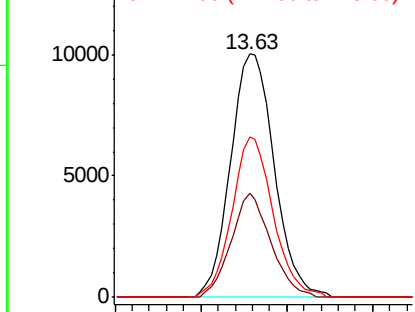
#91
 1,2-Dichlorobenzene
 Concen: 4.973 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.2	60.5
148	62.3	31.9	95.5

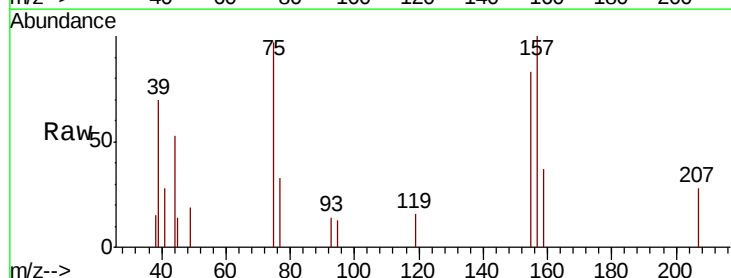


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

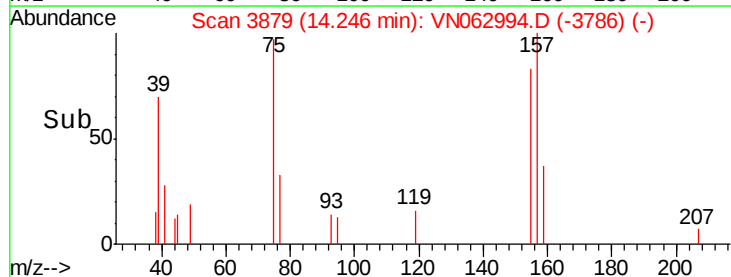
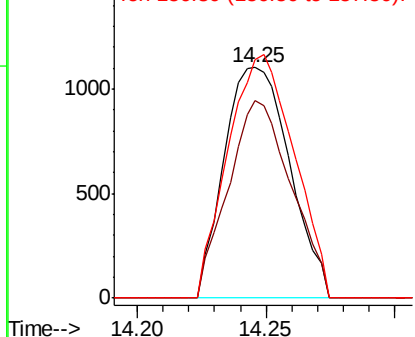


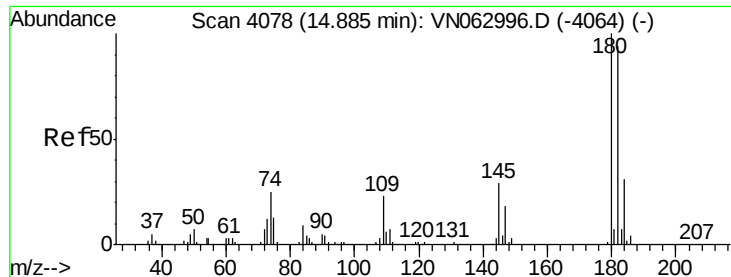
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.988 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	42.4	127.1
157	106.6	55.2	165.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

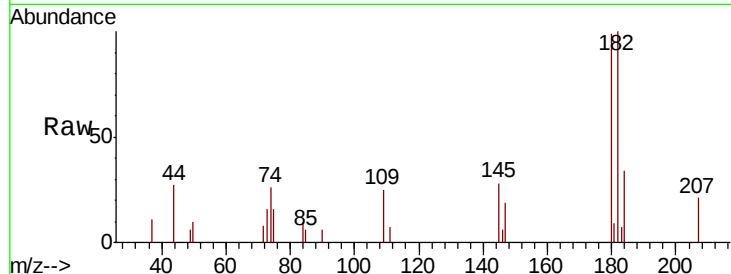




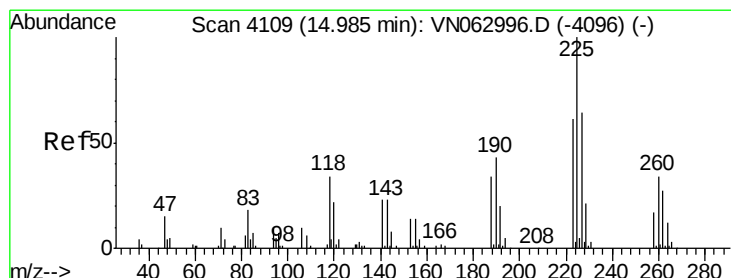
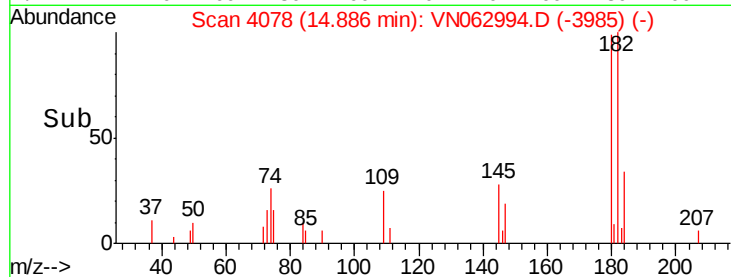
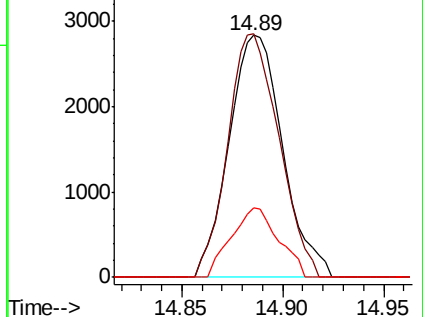
#93
 1,2,4-Trichlorobenzene
 Concen: 3.402 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 5284
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.0 141.2
 145 25.3 14.1 42.4

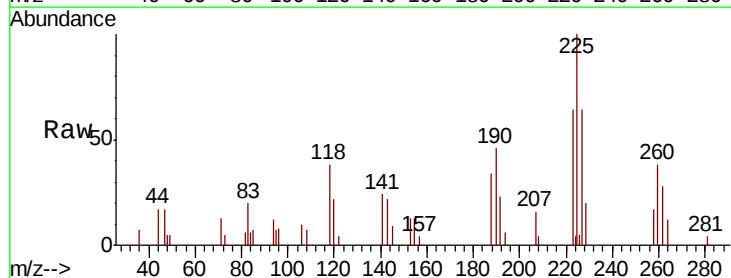


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

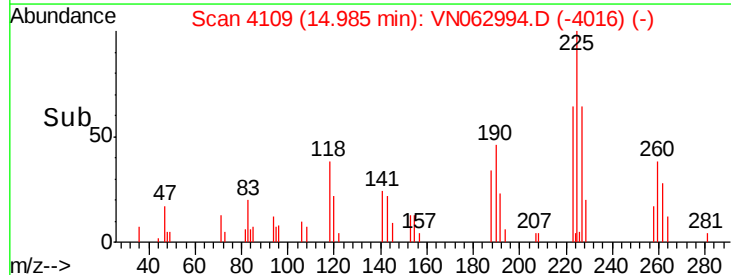
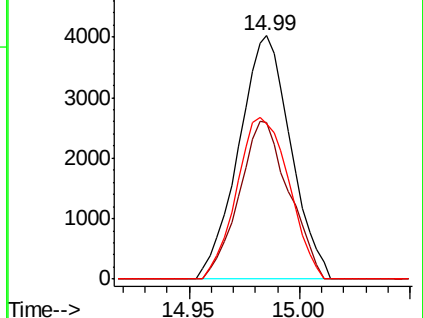


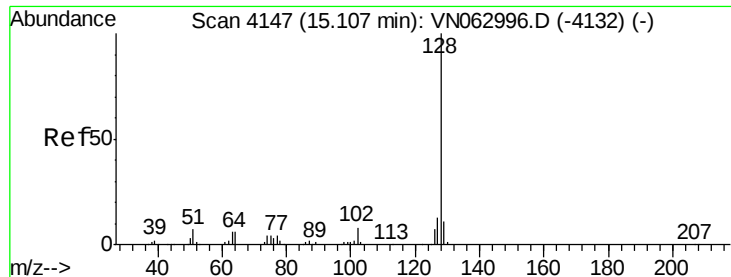
#94
 Hexachlorobutadiene
 Concen: 5.004 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062994.D
 Acq: 18 Aug 2020 19:05

Tgt Ion:225 Resp: 6574
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.9 92.5
 227 66.7 31.9 95.9



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

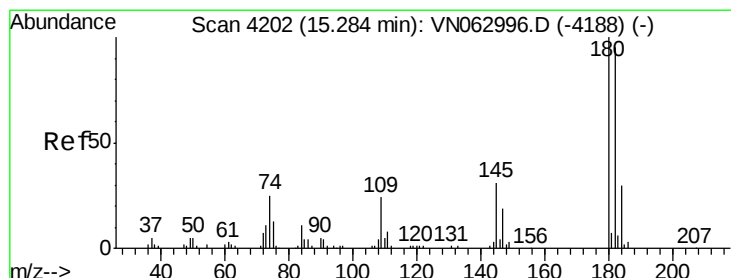
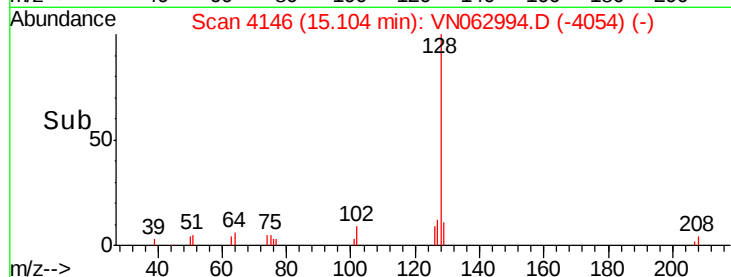
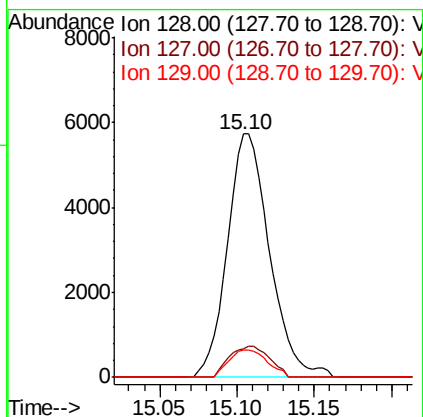
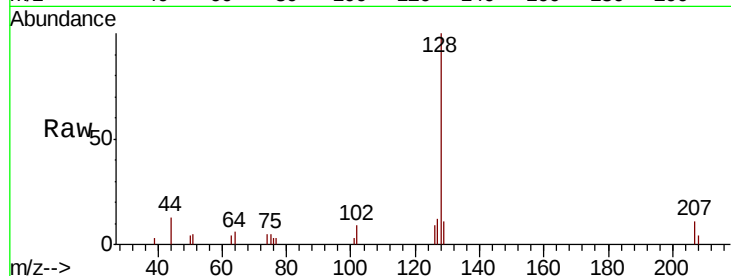




#95
Naphthalene
Concen: 3.132 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 10852
Ion Ratio Lower Upper
128 100
127 12.2 10.6 16.0
129 10.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.539 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062994.D
Acq: 18 Aug 2020 19:05

Tgt Ion:180 Resp: 5520
Ion Ratio Lower Upper
180 100
182 89.1 47.3 141.9
145 28.1 15.6 46.7

