

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063122.D
 Acq On : 25 Aug 2020 19:28
 Operator : JC/MD
 Sample : L3792-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Quant Time: Aug 26 05:43:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	176351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	292538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135211	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105655	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.55	113	86326	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
50) Toluene-d8	10.06	98	370574	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.38	95	138503	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1036	0.428	ug/l	94
11) Tert butyl alcohol	4.73	59	126109	425.969	ug/l	99
14) Allyl chloride	4.24	41	1252	0.474	ug/l #	28
15) Acrylonitrile	4.73	53	494	0.568	ug/l #	17
16) Acetone	3.78	43	397480	615.584	ug/l	98
17) Carbon Disulfide	4.02	76	5699	1.454	ug/l	99
18) Methyl Acetate	4.29	43	69018	33.228	ug/l	100
20) Methylene Chloride	4.50	84	511	Below Cal	#	35
25) 2-Butanone	6.79	43	22130	19.944	ug/l	98
26) 2,2-Dichloropropane	6.79	77	735	0.279	ug/l #	52
28) Bromochloromethane	7.34	49	502	0.287	ug/l #	13
29) Tetrahydrofuran	7.17	42	3338	4.661	ug/l #	88
30) Chloroform	7.33	83	8079	2.397	ug/l	94
31) Cyclohexane	7.62	56	4442	1.442	ug/l #	14
36) 1,1-Dichloropropene	7.63	75	13052	5.063	ug/l #	47
37) Ethyl Acetate	6.79	43	22130	9.161	ug/l #	73
38) Carbon Tetrachloride	7.63	117	16175	6.215	ug/l #	17
39) Methylcyclohexane	9.04	83	375	1.667	ug/l #	27
40) Benzene	8.00	78	210598	25.757	ug/l	100
41) Methacrylonitrile	7.17	41	2717	2.361	ug/l #	37
42) 1,2-Dichloroethane	8.01	62	1637	0.596	ug/l #	75
43) Isopropyl Acetate	8.09	43	3433	0.858	ug/l #	53
49) 1,4-Dioxane	9.17	88	4983	133.054	ug/l #	77
51) 4-Methyl-2-Pentanone	9.95	43	30480	12.049	ug/l	98
52) Toluene	10.13	92	106436	21.579	ug/l	100
53) t-1,3-Dichloropropene	10.13	75	1150	0.372	ug/l #	1
55) 1,1,2-Trichloroethane	10.39	97	1858	0.881	ug/l #	14
56) Ethyl methacrylate	10.33	69	4594	3.102	ug/l #	58
58) 2-Chloroethyl Vinyl ether	9.68	63	782	13.139	ug/l #	49
59) 2-Hexanone	10.72	43	1047	0.593	ug/l	99
67) Ethyl Benzene	11.49	91	23472	2.429	ug/l	95
68) m/p-Xylenes	11.59	106	37454	10.428	ug/l	99
69) o-Xylene	11.92	106	17024	4.936	ug/l	100
70) Styrene	11.94	104	17127	4.330	ug/l	93

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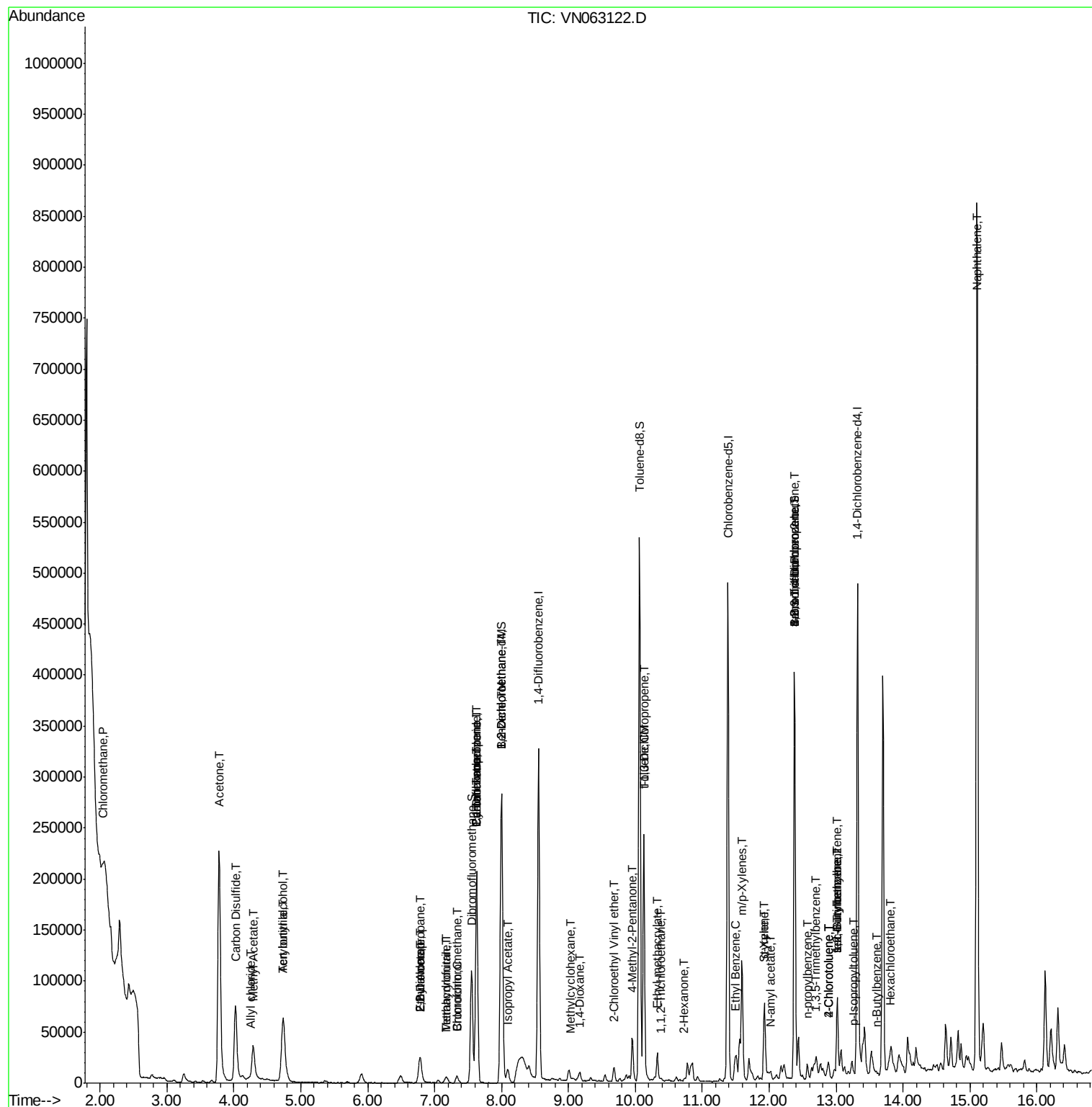
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Bromoform	12.38	173	891	0.503	ug/l #	1
74) N-amyl acetate	12.01	43	1934	0.583	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.50	83	91	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.38	75	66736	25.392	ug/l #	100
78) n-propylbenzene	12.57	91	7240	0.686	ug/l #	61
79) 2-Chlorotoluene	12.88	91	2135	0.322	ug/l	79
80) 1,3,5-Trimethylbenzene	12.71	105	6571	0.858	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	66736	69.739	ug/l #	15
82) 4-Chlorotoluene	12.88	91	2135	0.316	ug/l	80
83) tert-Butylbenzene	13.02	119	5884	0.891	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.02	105	46059	6.177	ug/l	96
85) sec-Butylbenzene	13.02	105	46059	5.159	ug/l #	57
86) p-Isopropyltoluene	13.27	119	1557	0.200	ug/l	89
89) n-Butylbenzene	13.60	91	562	2.843	ug/l #	67
90) Hexachloroethane	13.80	117	800	0.484	ug/l #	5
95) Naphthalene	15.10	128	738376	127.065	ug/l	99

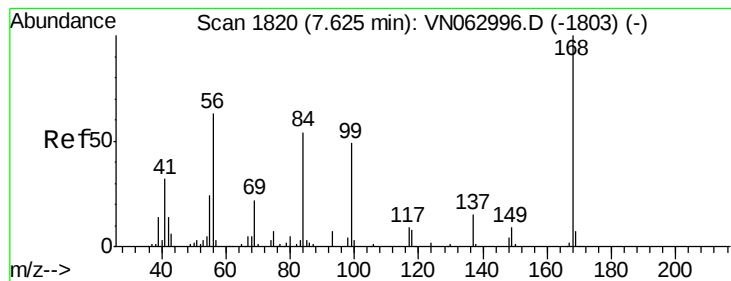
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

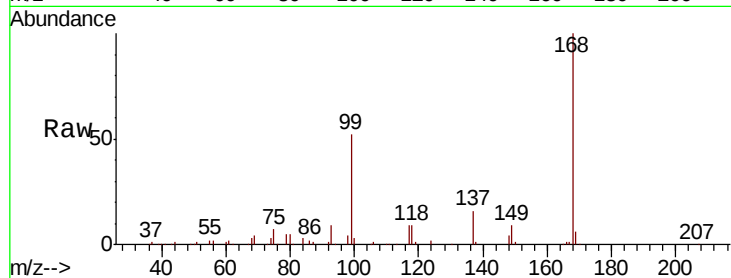
COMP-3

Tot Ion:168 Resp: 176351

Ion Ratio Lower Upper

168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

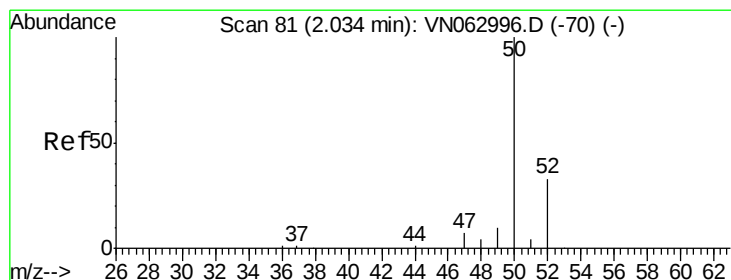
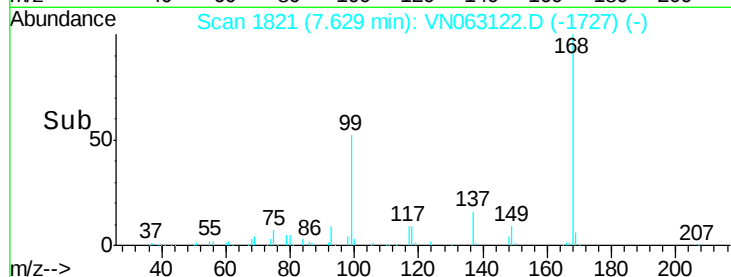
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.428 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063122.D

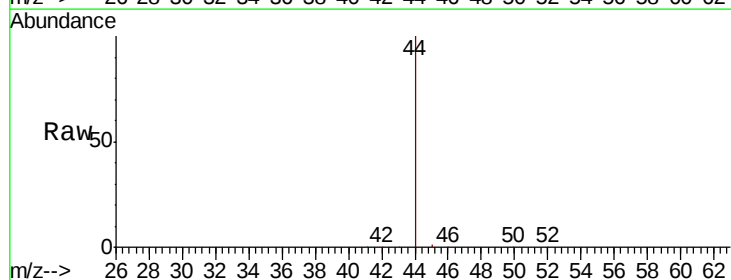
Acq: 25 Aug 2020 19:28

Tgt Ion: 50 Resp: 1036

Ion Ratio Lower Upper

50 100

52 29.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

800

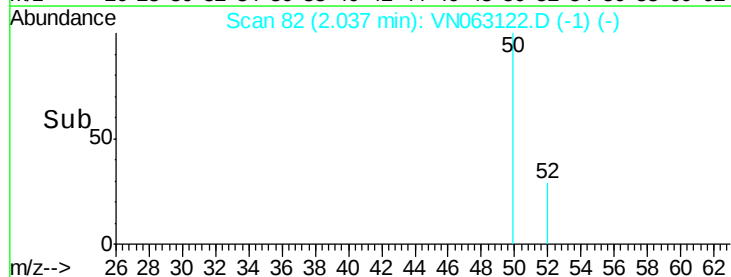
600

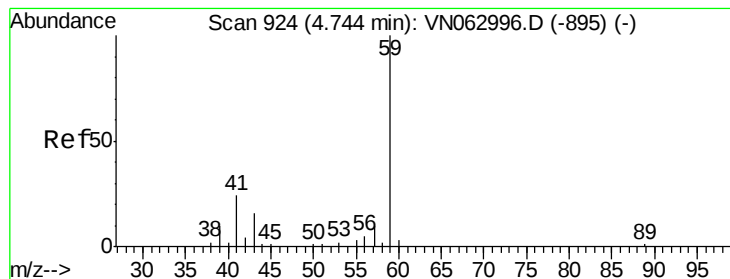
400

200

0

Time--> 2.00 2.05



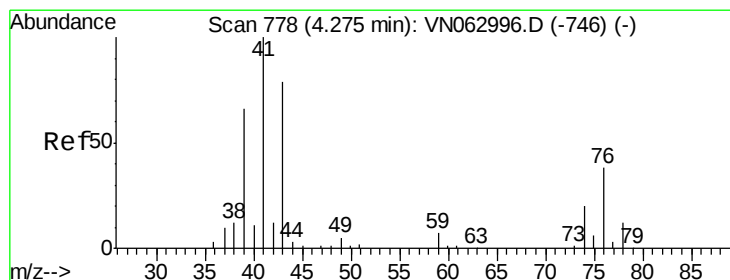
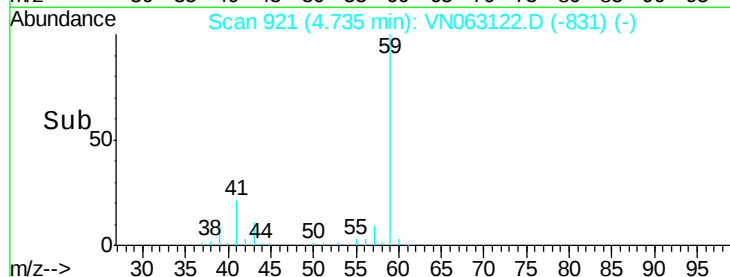
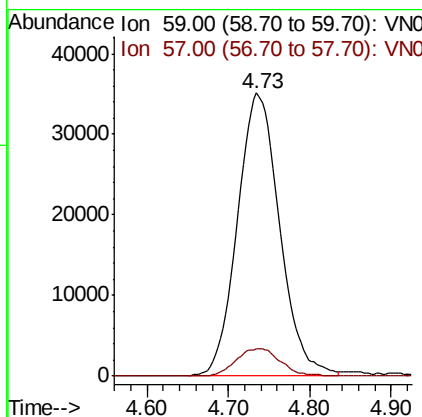
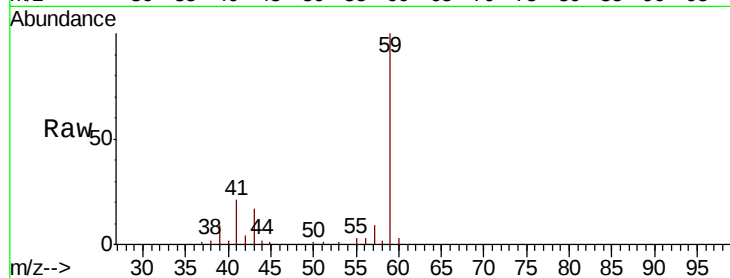


#11

Tert butyl alcohol
 Concen: 425.969 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

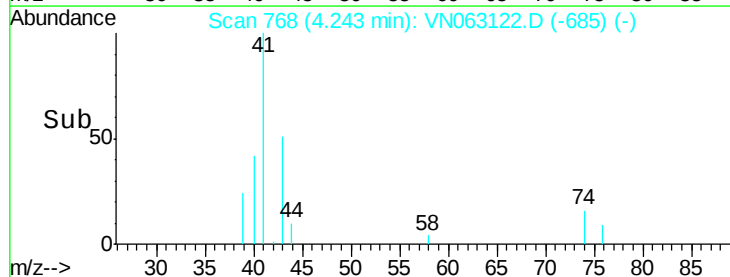
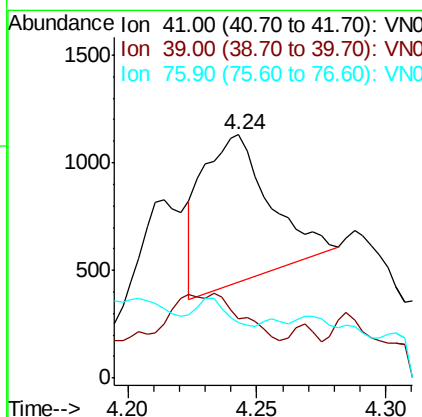
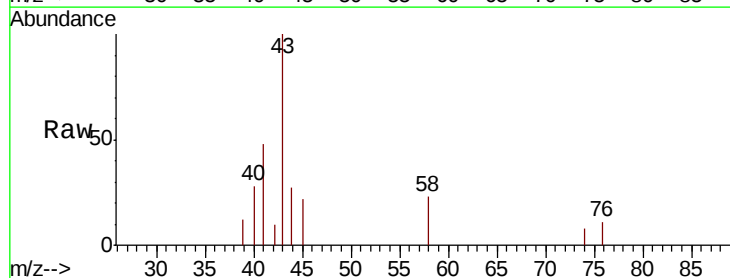
Tot Ion: 59 Resp: 126109
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

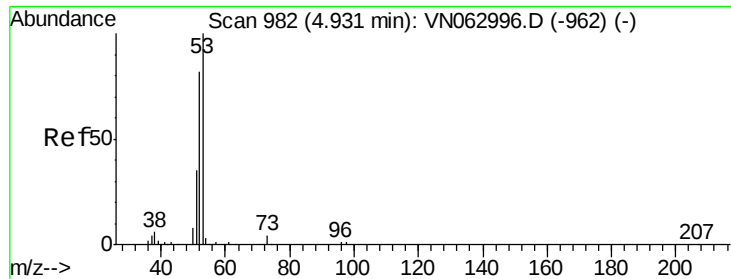


#14

Allyl chloride
 Concen: 0.474 ug/l
 RT: 4.24 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

Tgt Ion: 41 Resp: 1252
 Ion Ratio Lower Upper
 41 100
 39 0.0 47.9 71.9#
 76 0.0 27.0 40.6#





#15

Acrylonitrile

Concen: 0.568 ug/l

RT: 4.73 min Scan# 918

Delta R.T. -0.21 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

COMP-3

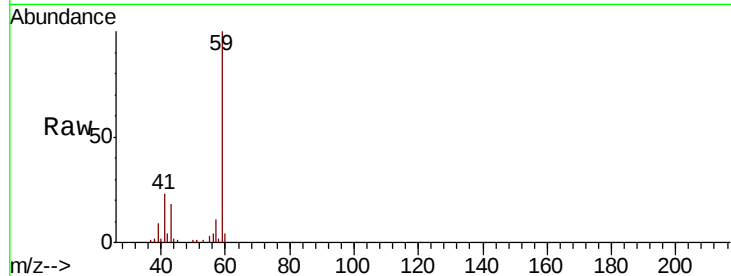
Tot Ion: 53 Resp: 494

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

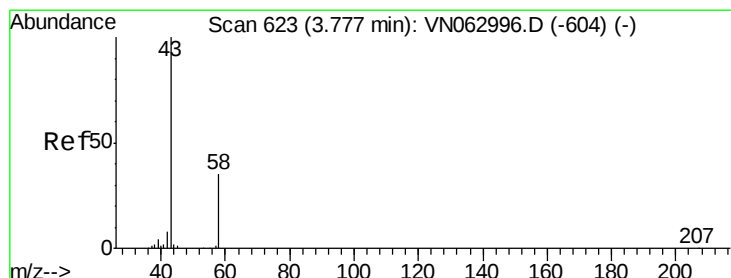
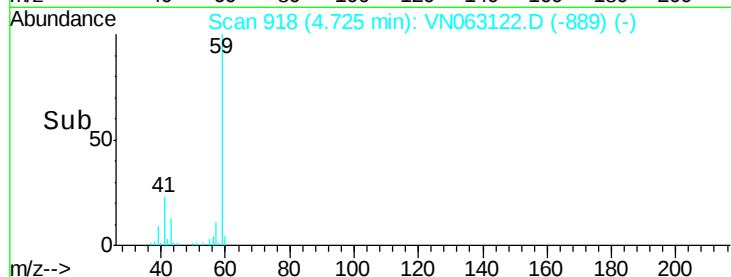
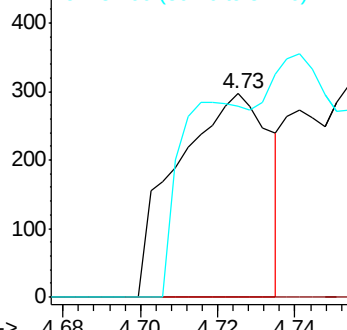
51 72.9 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 615.584 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063122.D

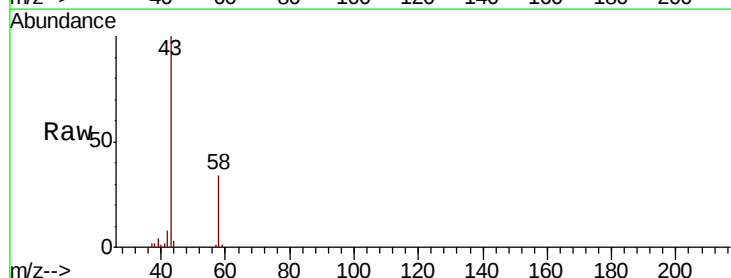
Acq: 25 Aug 2020 19:28

Tgt Ion: 43 Resp: 397480

Ion Ratio Lower Upper

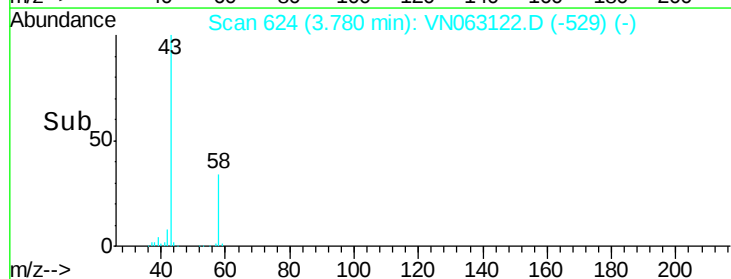
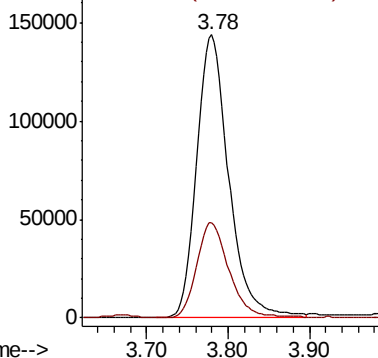
43 100

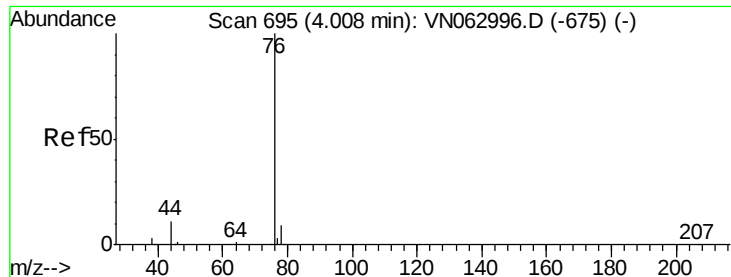
58 33.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 1.454 ug/l

RT: 4.02 min Scan# 699

Delta R.T. 0.01 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

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ClientSampleId :

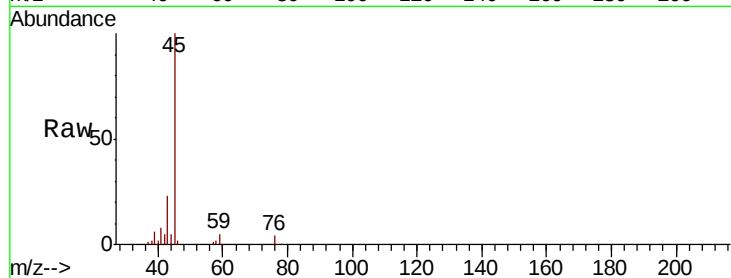
COMP-3

Tot Ion: 76 Resp: 5699

Ion Ratio Lower Upper

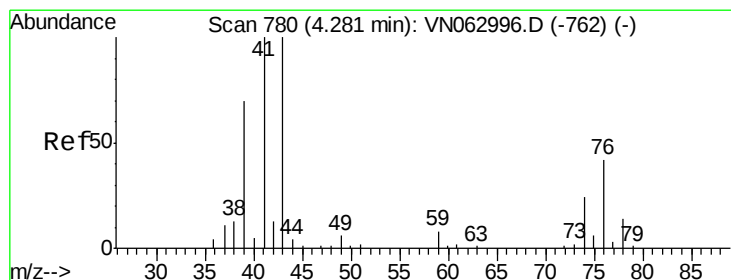
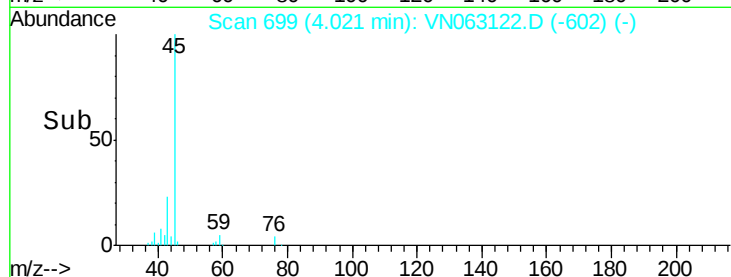
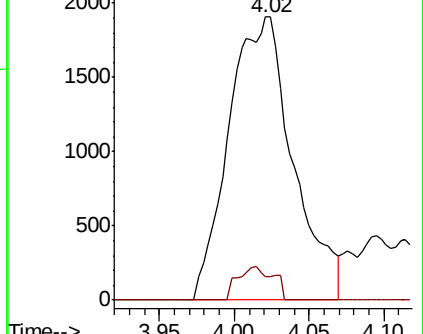
76 100

78 8.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 33.228 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN063122.D

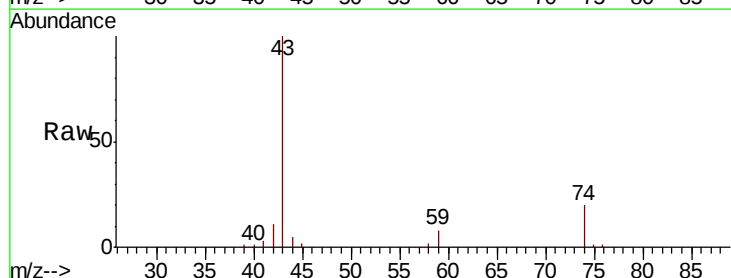
Acq: 25 Aug 2020 19:28

Tgt Ion: 43 Resp: 69018

Ion Ratio Lower Upper

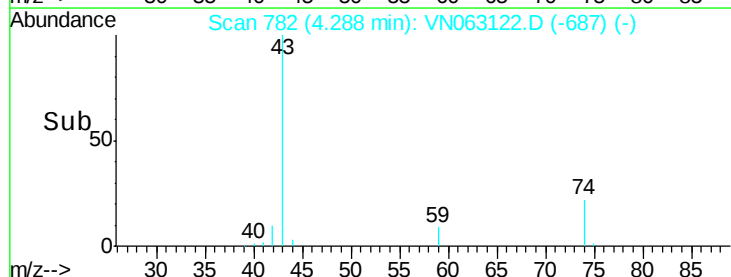
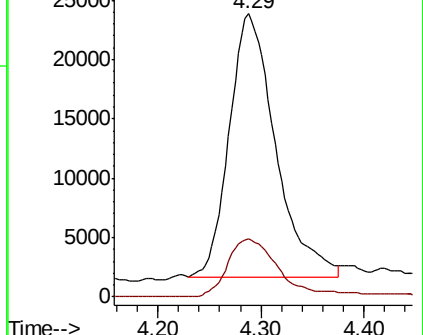
43 100

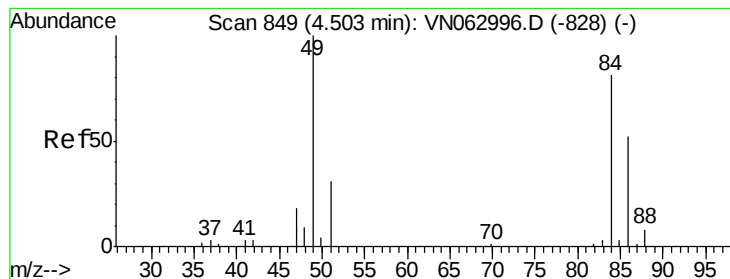
74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

COMP-3

Tot Ion: 84 Resp: 511

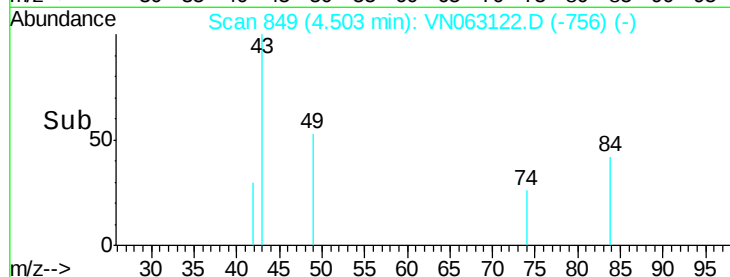
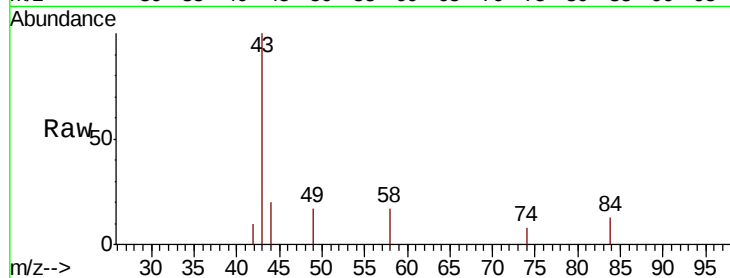
Ion Ratio Lower Upper

84 100

49 59.5 98.7 148.1#

51 0.0 30.8 46.2#

86 0.0 51.2 76.8#

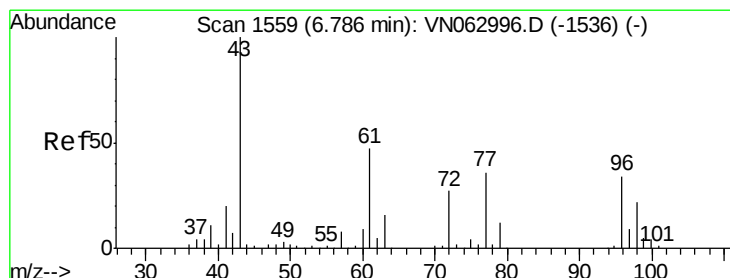
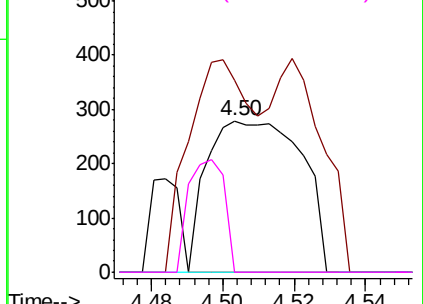


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 19.944 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN063122.D

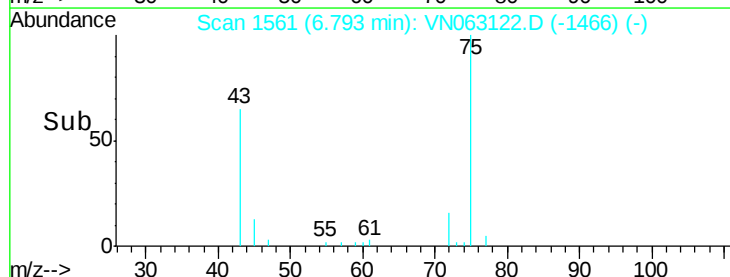
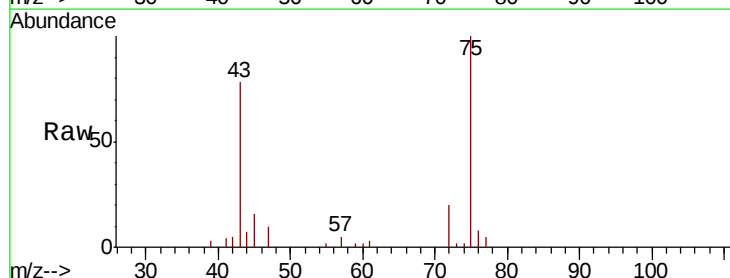
Acq: 25 Aug 2020 19:28

Tgt Ion: 43 Resp: 22130

Ion Ratio Lower Upper

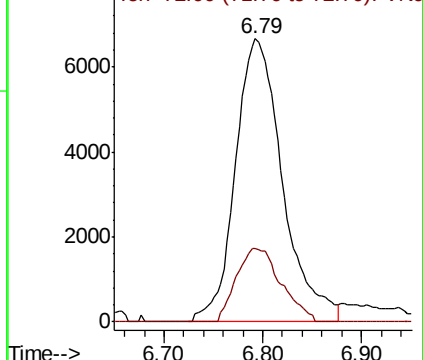
43 100

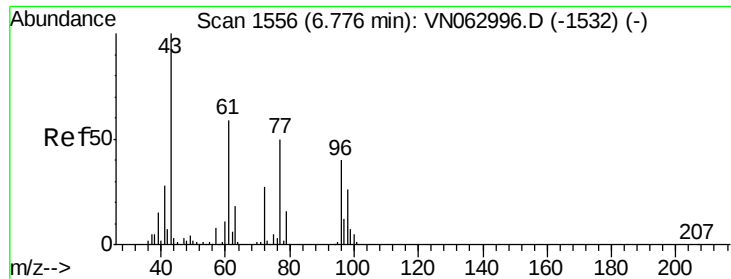
72 26.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

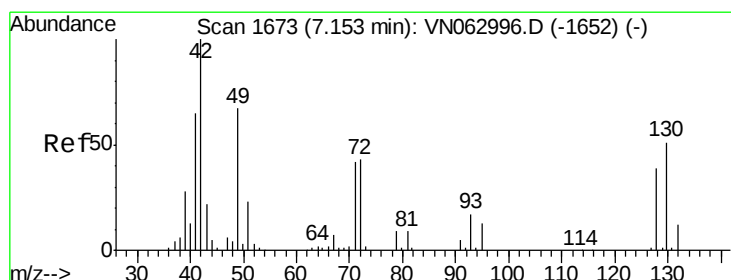
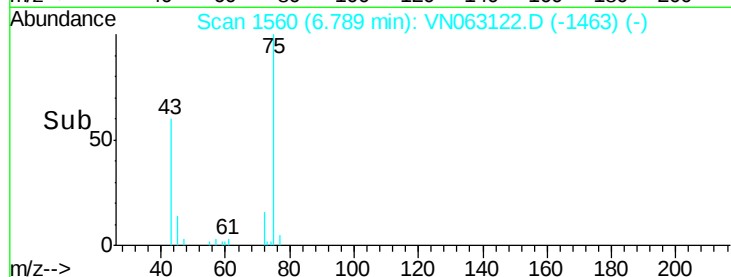
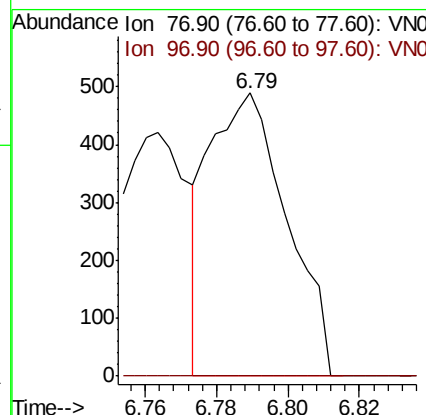
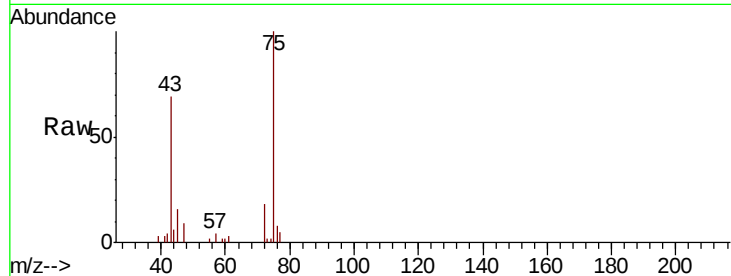




#26
 2,2-Dichloropropane
 Concen: 0.279 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

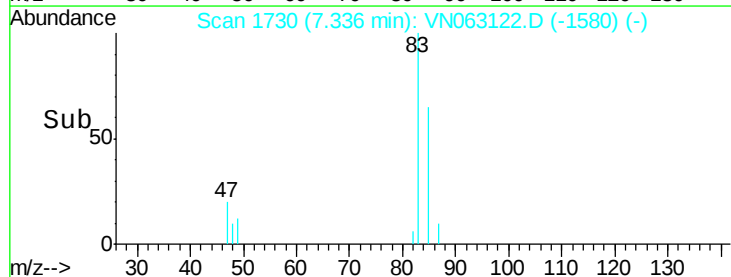
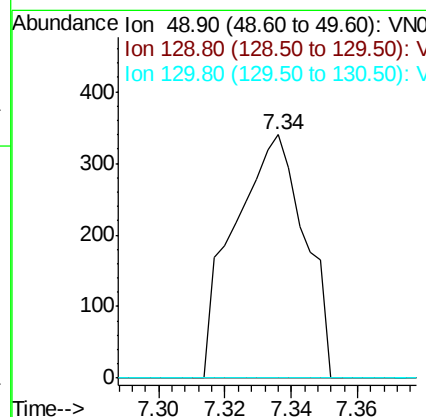
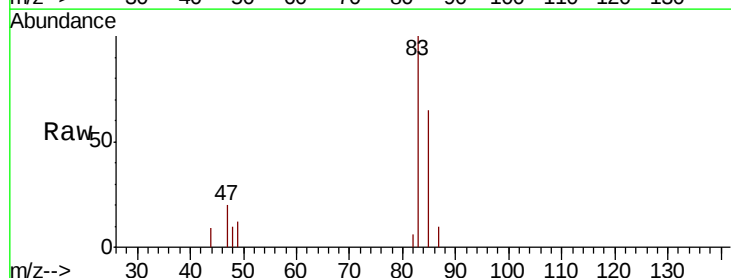
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

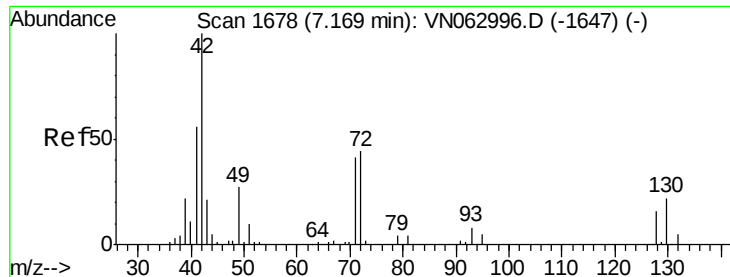
Tot Ion: 77 Resp: 735
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.1#



#28
 Bromochloromethane
 Concen: 0.287 ug/l
 RT: 7.34 min Scan# 1730
 Delta R.T. 0.18 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

Tgt Ion: 49 Resp: 502
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 0.0 61.1 91.7#

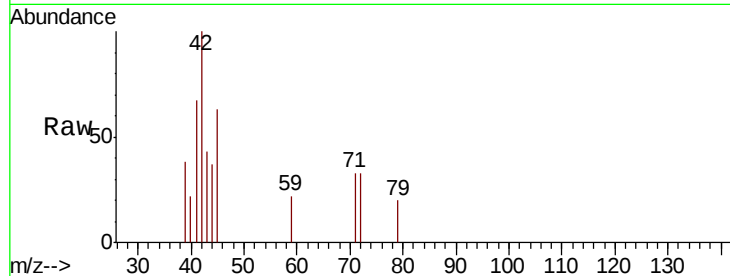




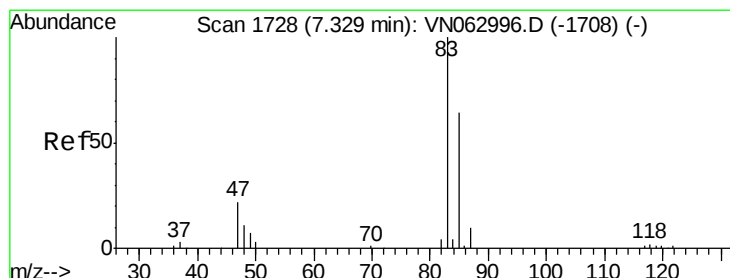
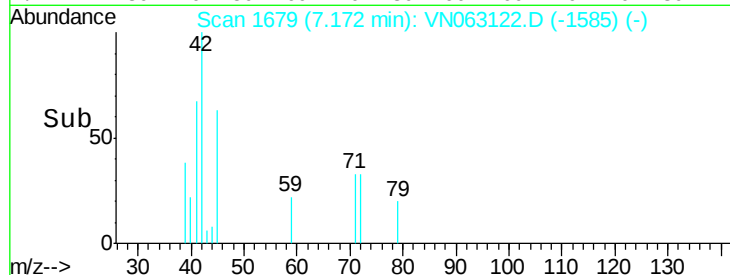
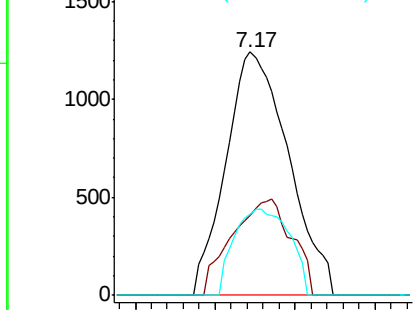
#29
Tetrahydrofuran
Concen: 4.661 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Instrument :
MSVOA_N
ClientSampled :
COMP-3

Tot Ion: 42 Resp: 3338
Ion Ratio Lower Upper
42 100
72 37.6 34.6 52.0
71 31.2 32.3 48.5#

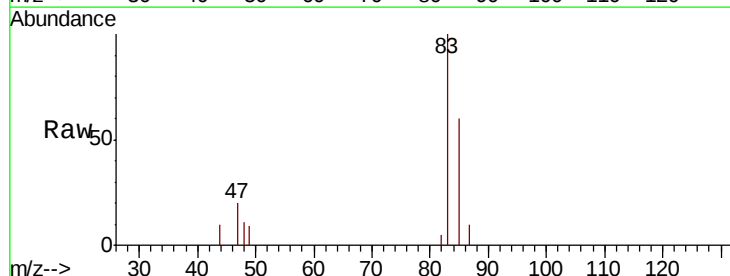


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

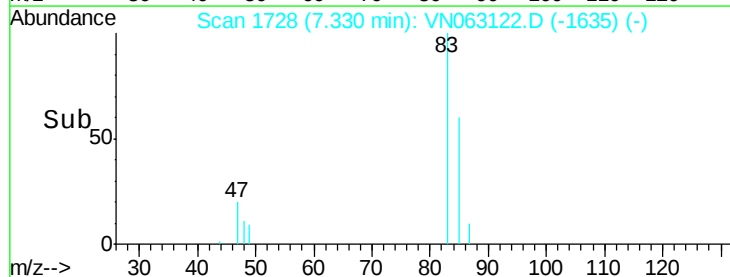
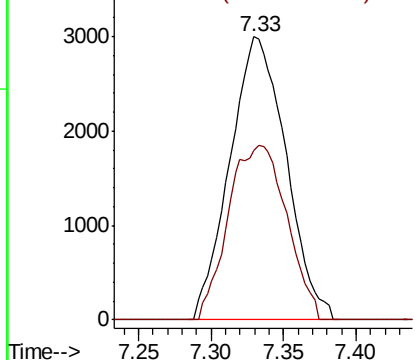


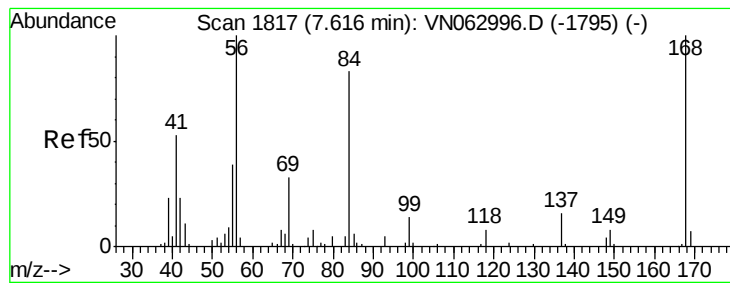
#30
Chloroform
Concen: 2.397 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Tgt Ion: 83 Resp: 8079
Ion Ratio Lower Upper
83 100
85 59.9 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: 1.442 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

COMP-3

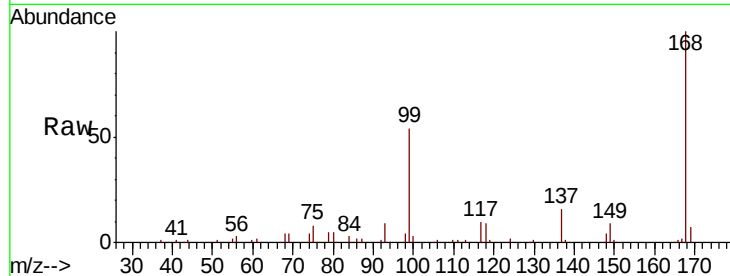
Tot Ion: 56 Resp: 4442

Ion Ratio Lower Upper

56 100

69 141.7 26.6 40.0#

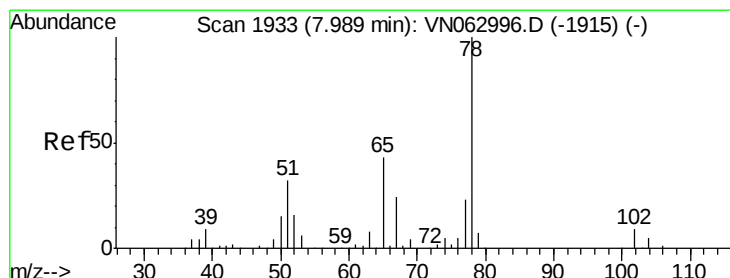
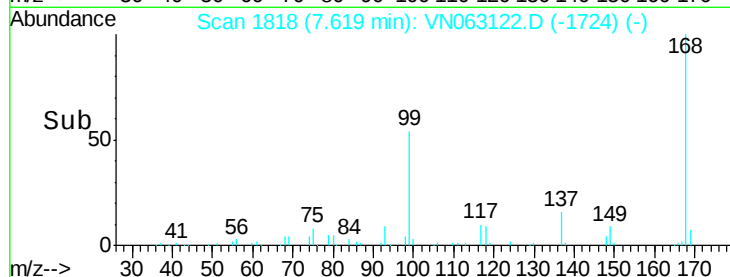
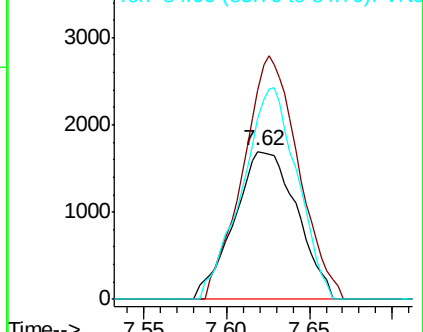
84 122.5 66.4 99.6#



Abundance Ion 56.00 (55.70 to 56.70): VN063122.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN063122.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN063122.D (-1795) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.550 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063122.D

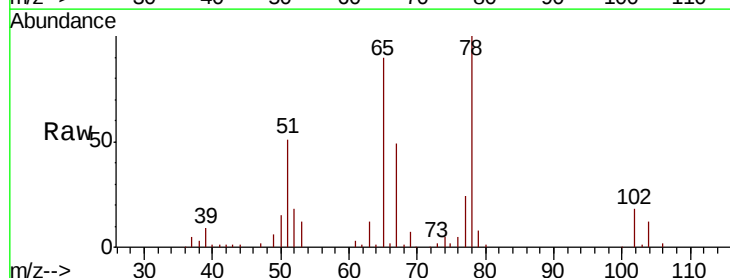
Acq: 25 Aug 2020 19:28

Tgt Ion: 65 Resp: 105655

Ion Ratio Lower Upper

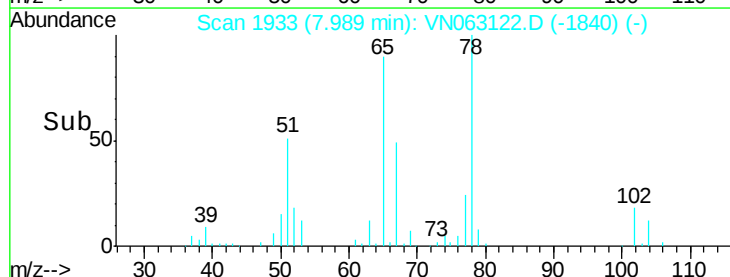
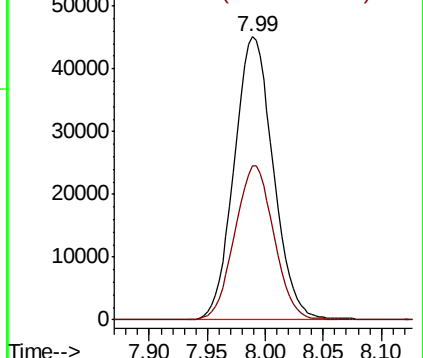
65 100

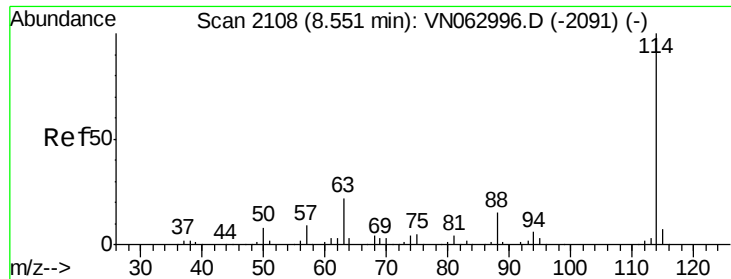
67 54.7 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN063122.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN063122.D (-1840) (-)

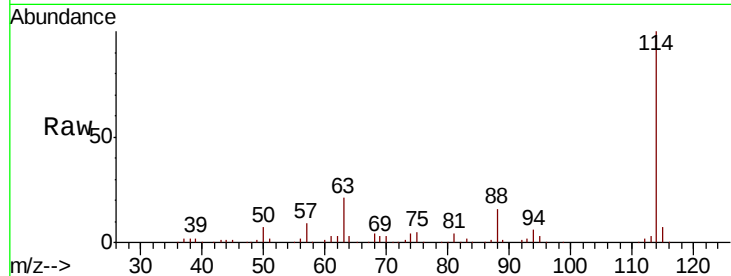




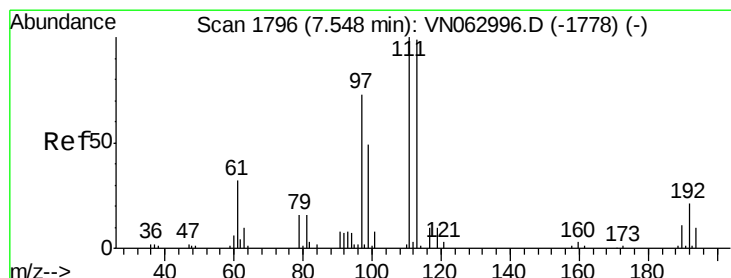
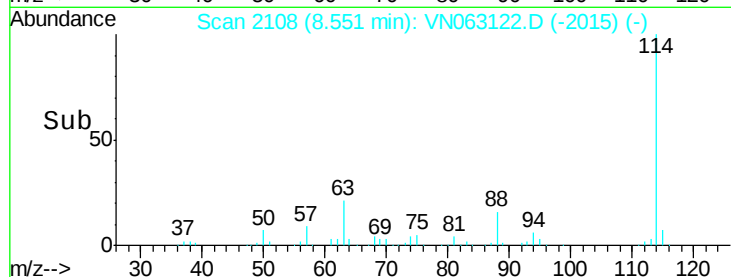
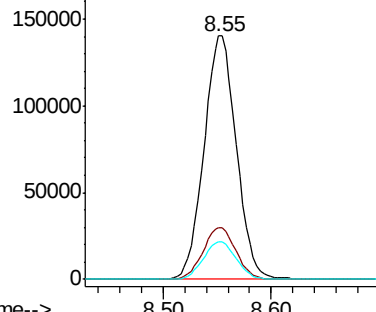
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	15.5	0.0	30.6

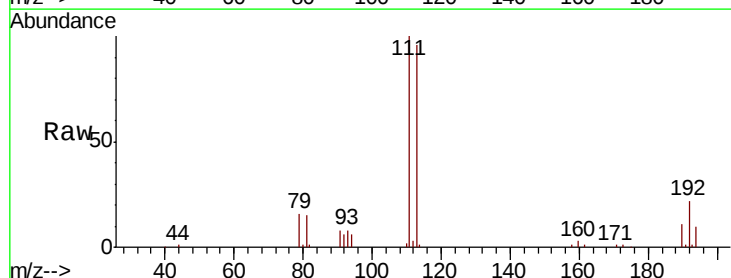


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

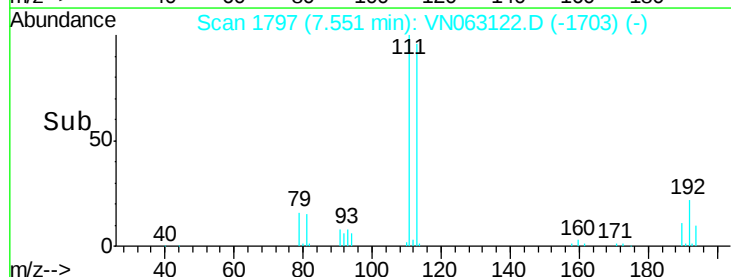
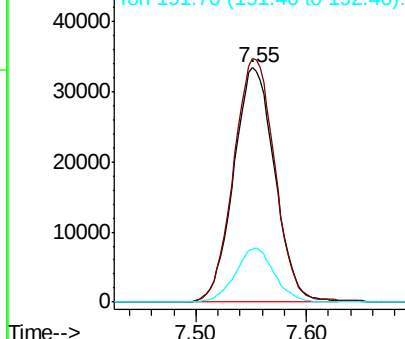


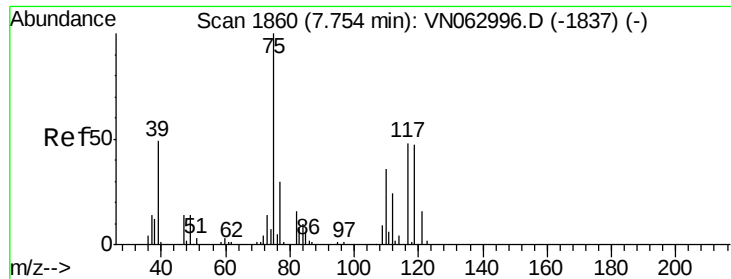
#35
 Dibromofluoromethane
 Concen: 45.288 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.7	122.5
192	21.8	17.5	26.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

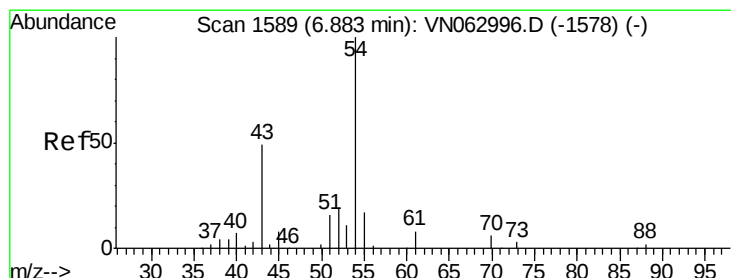
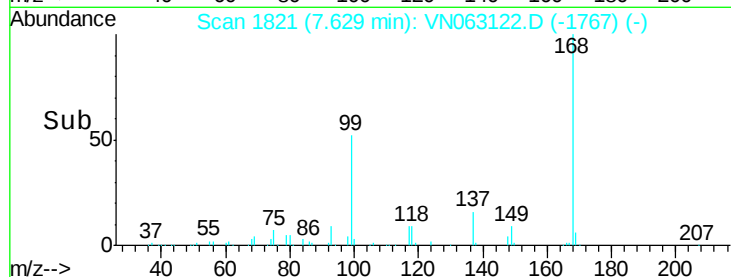
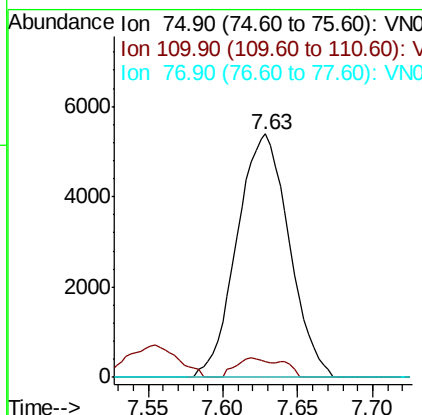
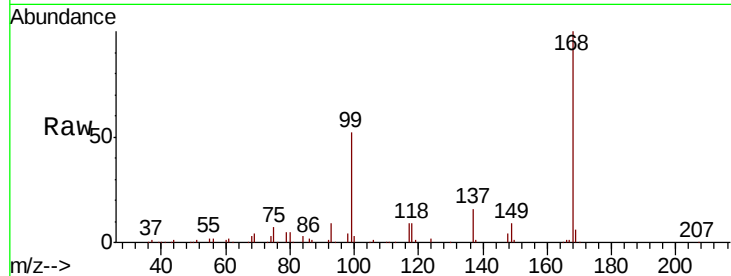




#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.13 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

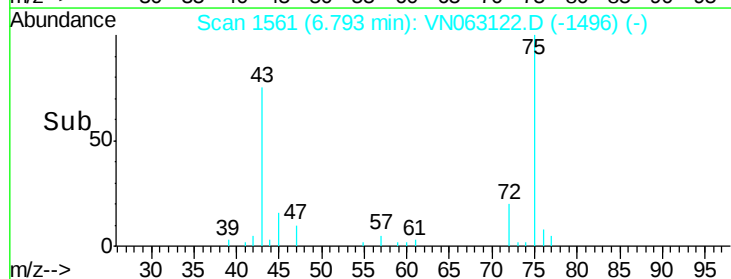
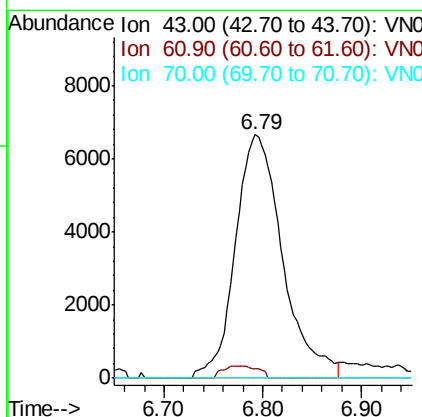
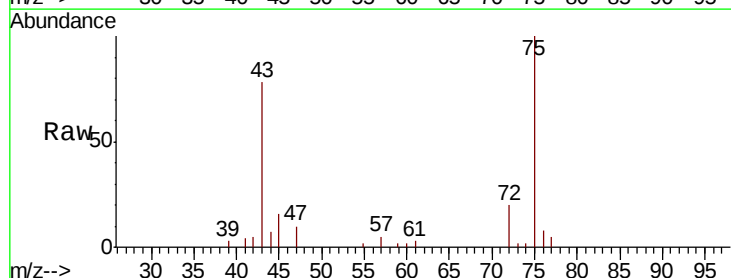
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

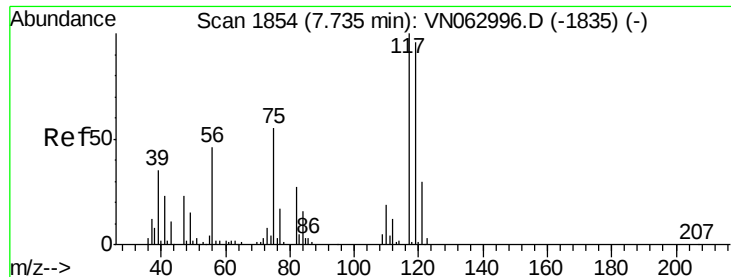
Tot Ion: 75 Resp: 13052
 Ion Ratio Lower Upper
 75 100
 110 5.3 17.5 52.6#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 9.161 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.09 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

Tgt Ion: 43 Resp: 22130
 Ion Ratio Lower Upper
 43 100
 61 3.7 11.8 17.8#
 70 0.0 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 6.215 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

COMP-3

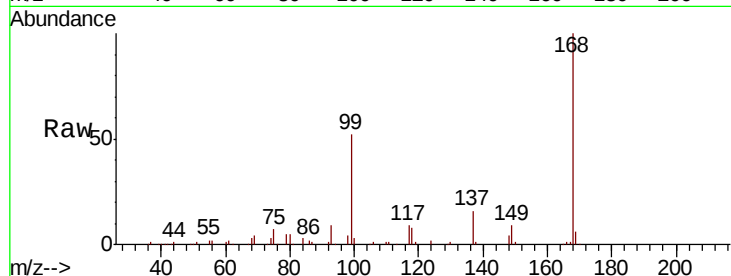
Tot Ion:117 Resp: 16175

Ion Ratio Lower Upper

117 100

119 6.3 76.2 114.4#

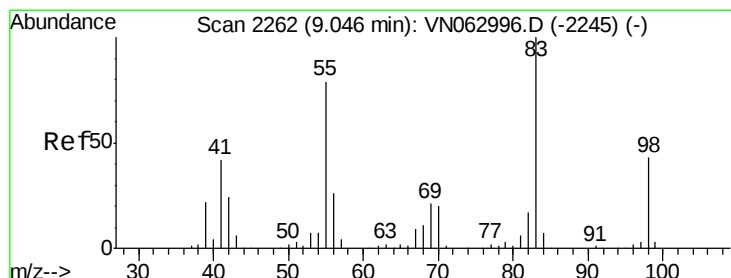
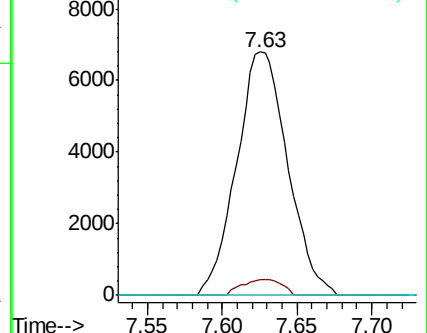
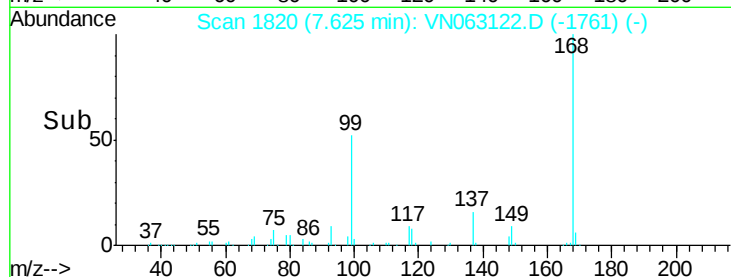
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.667 ug/l

RT: 9.04 min Scan# 2260

Delta R.T. -0.01 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

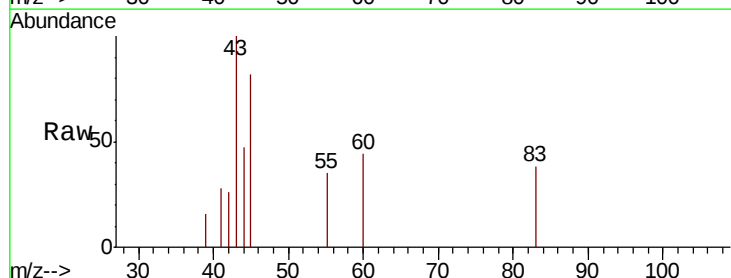
Tgt Ion: 83 Resp: 375

Ion Ratio Lower Upper

83 100

55 12.5 63.3 94.9#

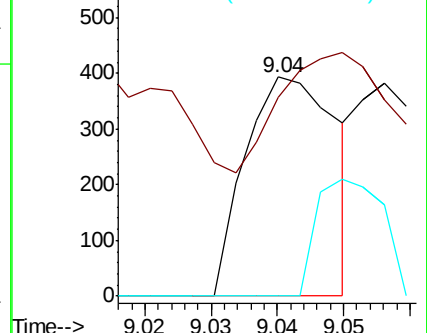
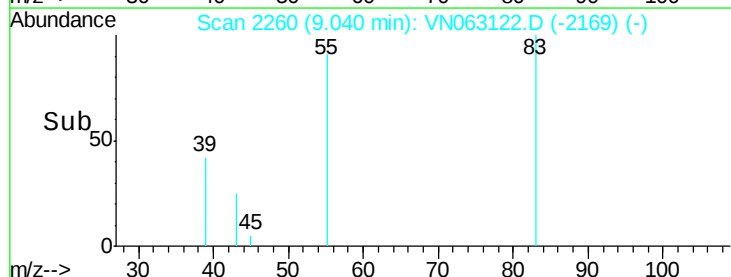
98 0.0 34.2 51.4#

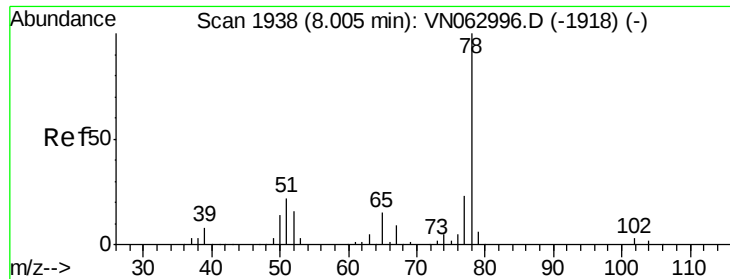


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 25.757 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

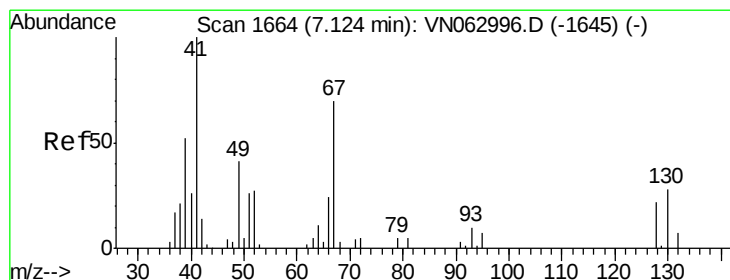
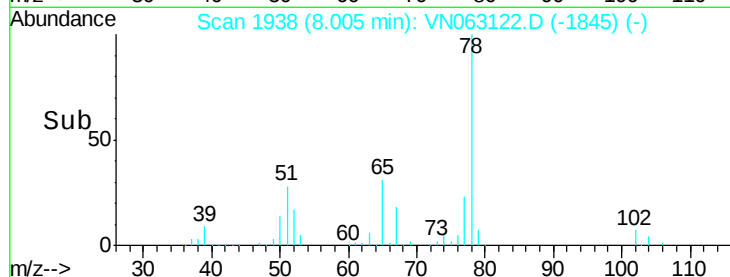
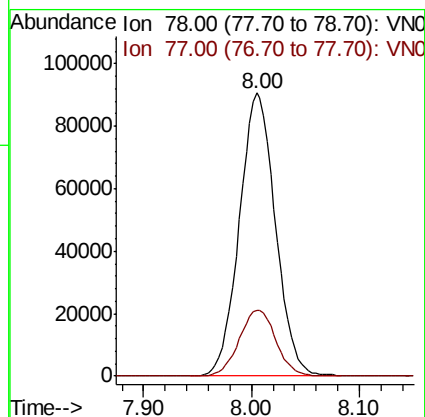
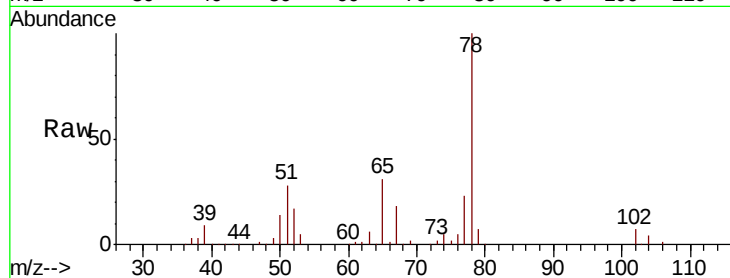
COMP-3

Tot Ion: 78 Resp: 210598

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



#41

Methacrylonitrile

Concen: 2.361 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.04 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Tgt Ion: 41 Resp: 2717

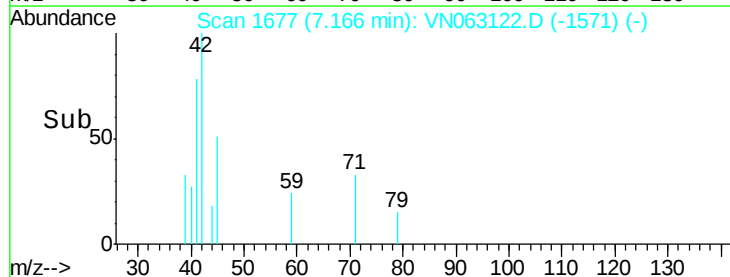
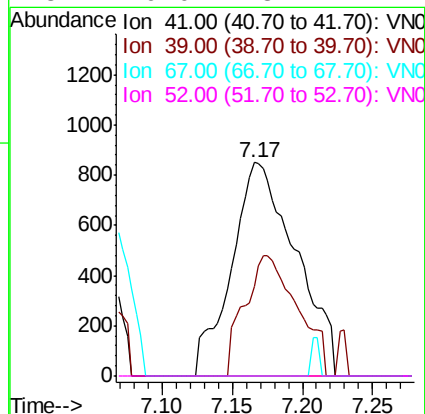
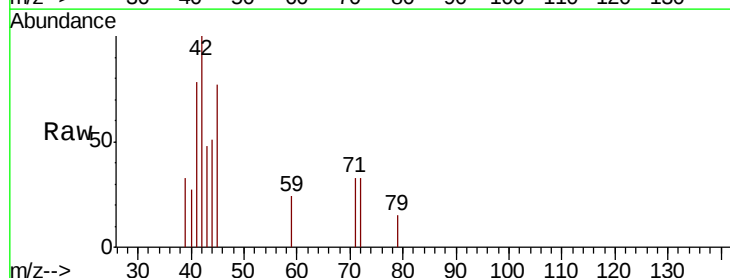
Ion Ratio Lower Upper

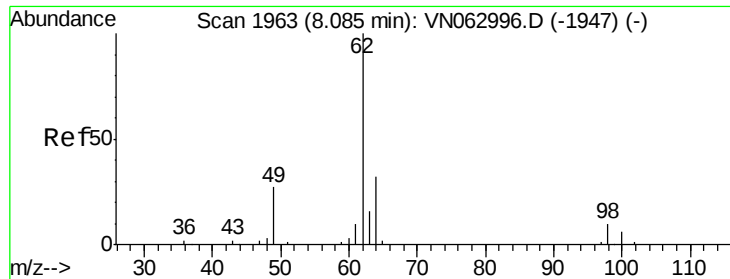
41 100

39 46.1 41.6 62.4

67 0.0 71.8 107.8#

52 0.0 28.2 42.4#

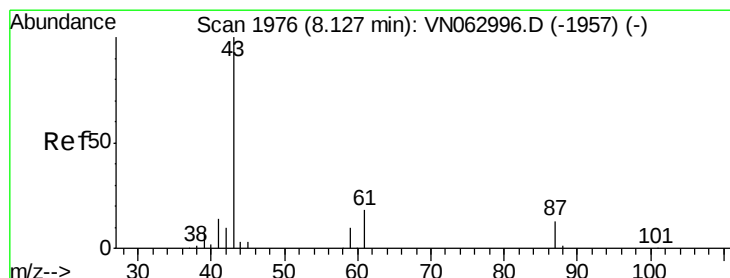
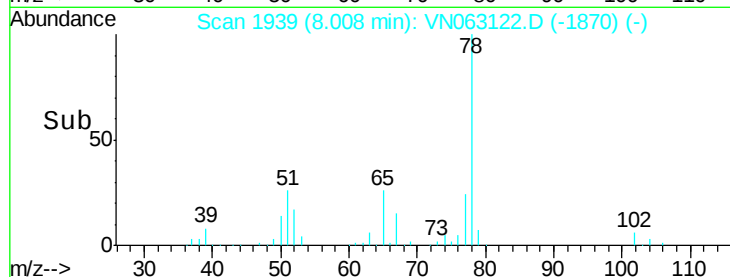
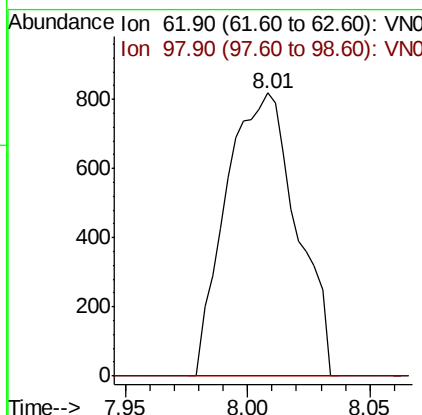
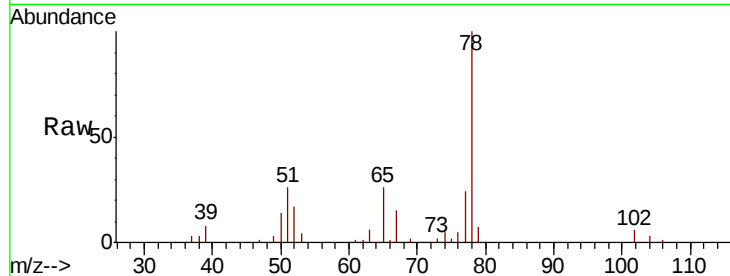




#42
 1,2-Dichloroethane
 Concen: 0.596 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.08 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

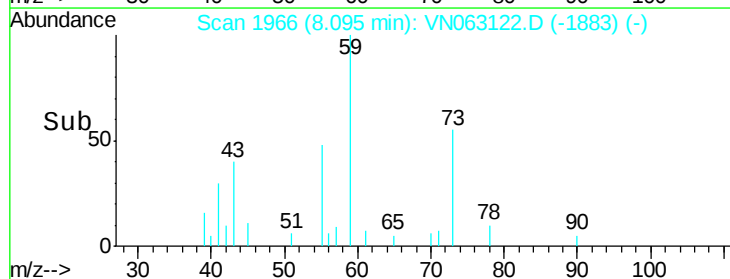
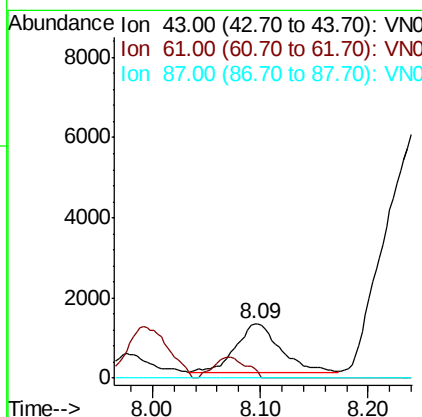
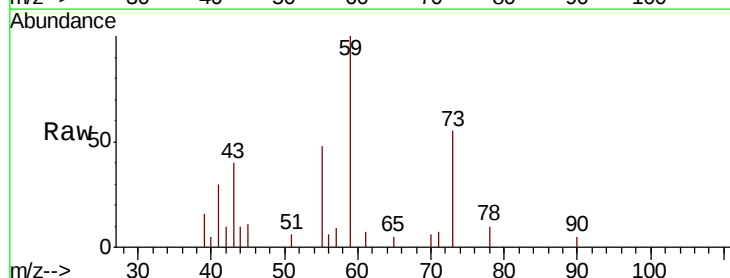
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

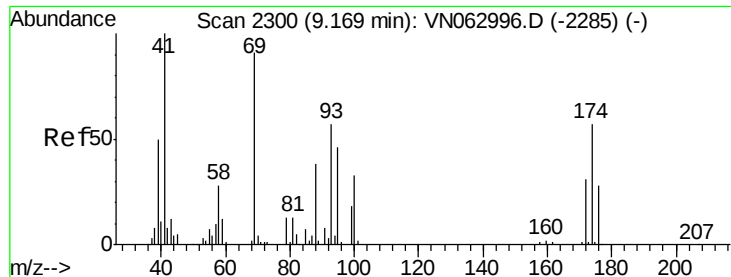
Tot Ion: 62 Resp: 1637
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 18.4



#43
 Isopropyl Acetate
 Concen: 0.858 ug/l
 RT: 8.09 min Scan# 1966
 Delta R.T. -0.03 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

Tgt Ion: 43 Resp: 3433
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.6 33.8#
 87 0.0 10.5 15.7#

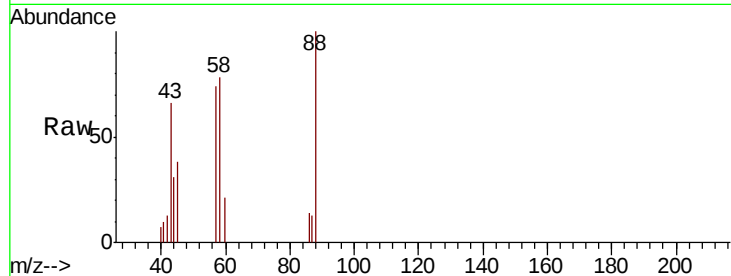




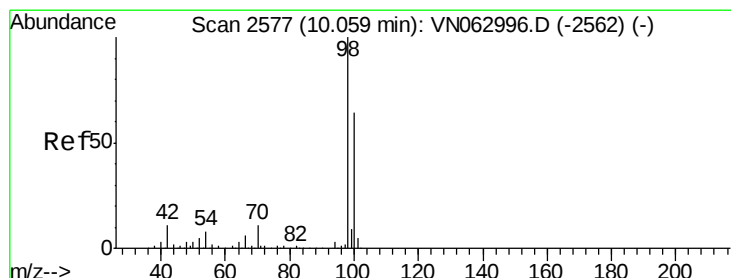
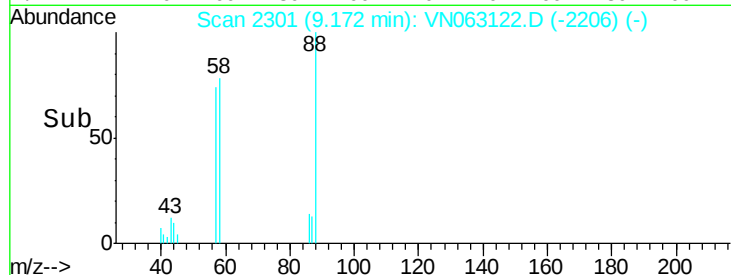
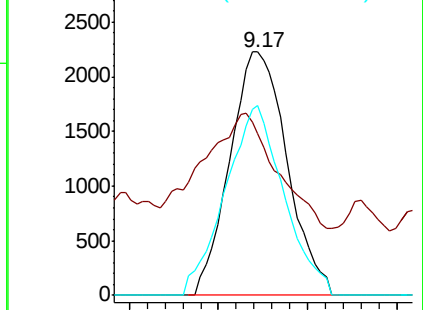
#49
1,4-Dioxane
Concen: 133.054 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Instrument :
MSVOA_N
ClientSampled :
COMP-3

Tot Ion: 88 Resp: 4983
Ion Ratio Lower Upper
88 100
43 60.3 25.2 37.8#
58 79.8 56.7 85.1

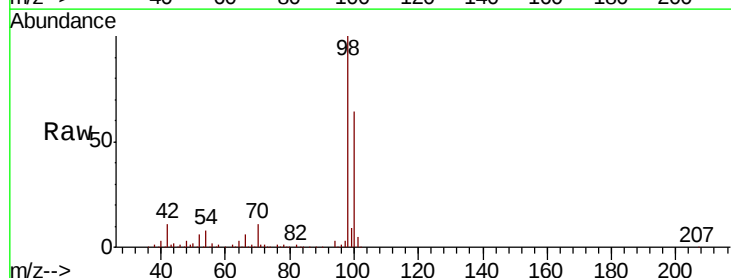


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

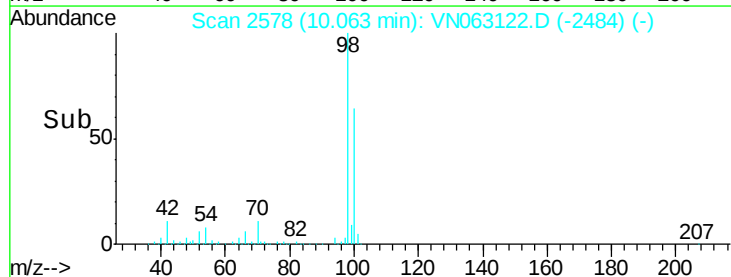
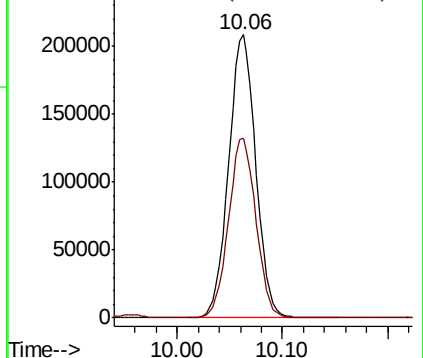


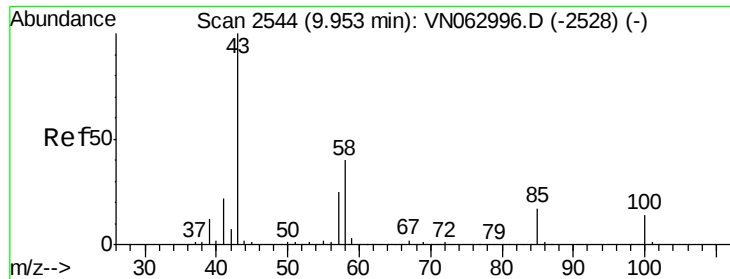
#50
Toluene-d8
Concen: 50.613 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Tgt Ion: 98 Resp: 370574
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 12.049 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

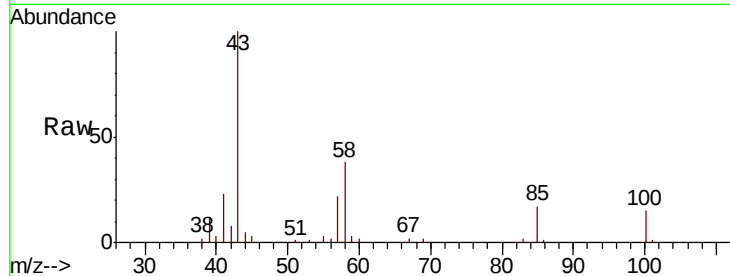
COMP-3

Tot Ion: 43 Resp: 30480

Ion Ratio Lower Upper

43 100

58 38.9 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN063122.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN063122.D (-2528) (-)

9.95

15000

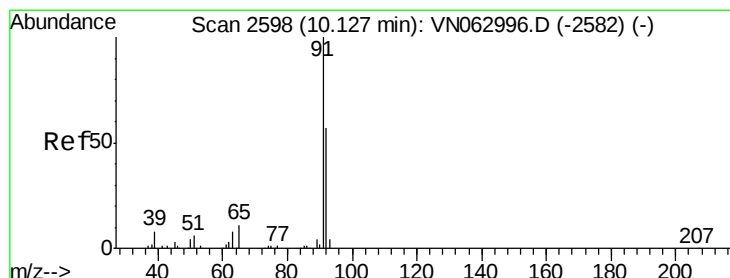
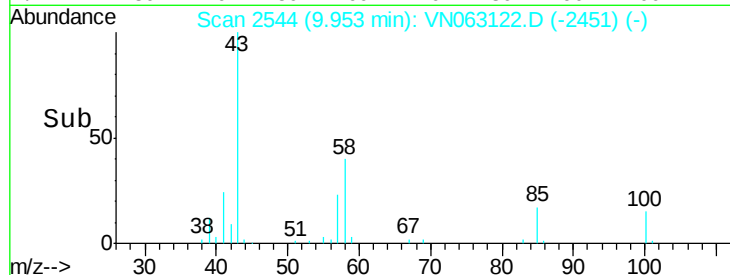
10000

5000

0

9.85 9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 21.579 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN063122.D

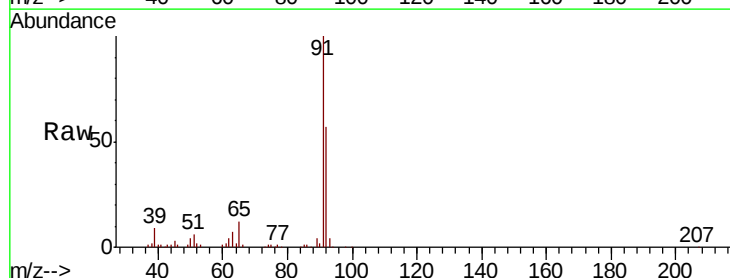
Acq: 25 Aug 2020 19:28

Tgt Ion: 92 Resp: 106436

Ion Ratio Lower Upper

92 100

91 174.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN063122.D (-2598) (-)

Ion 91.00 (90.70 to 91.70): VN063122.D (-2598) (-)

10.13

120000

100000

80000

60000

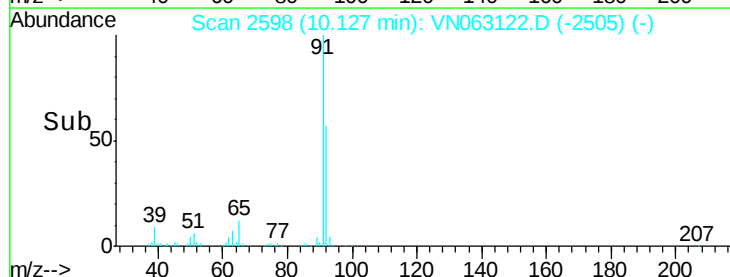
40000

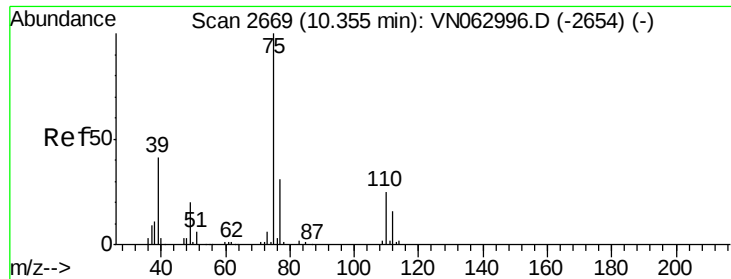
20000

0

10.05 10.10 10.15 10.20

Time-->

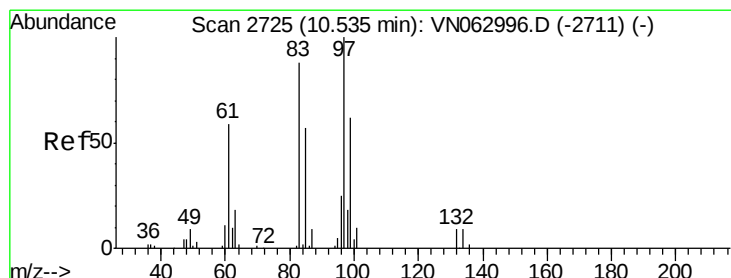
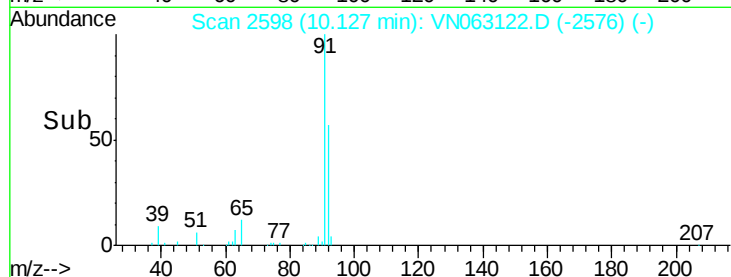
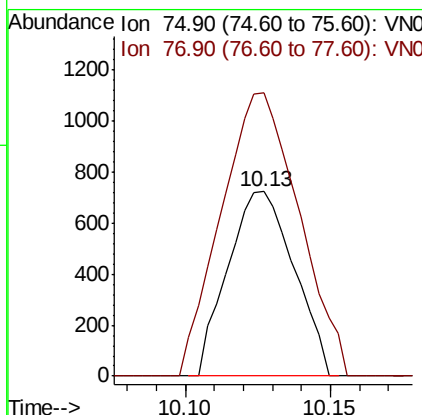
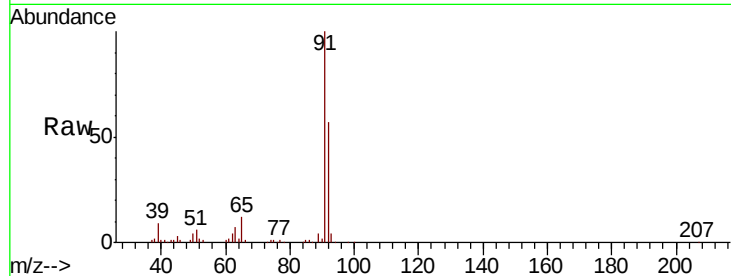




#53
t-1,3-Dichloropropene
Concen: 0.372 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. -0.23 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

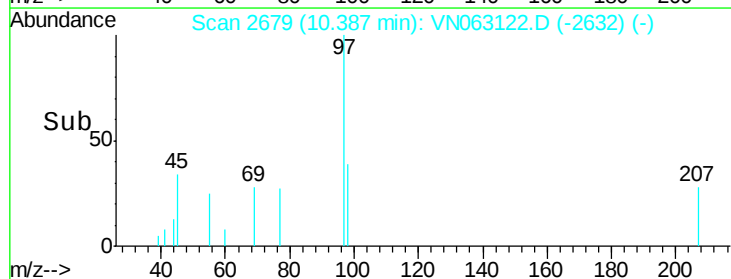
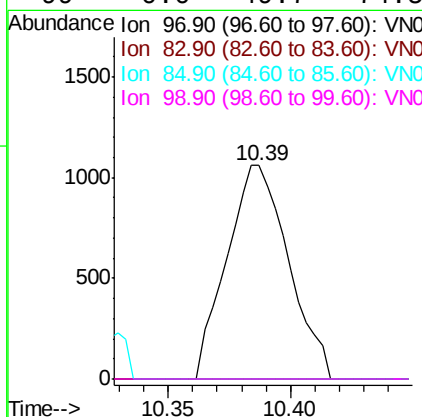
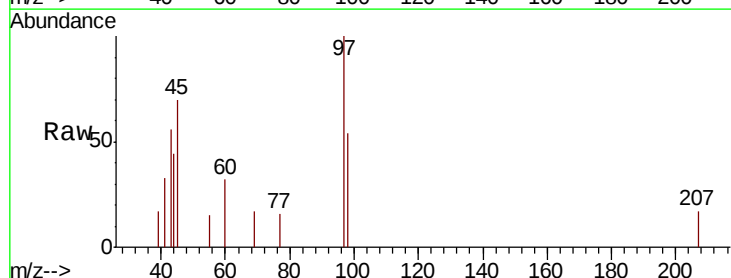
Instrument :
MSVOA_N
ClientSampled :
COMP-3

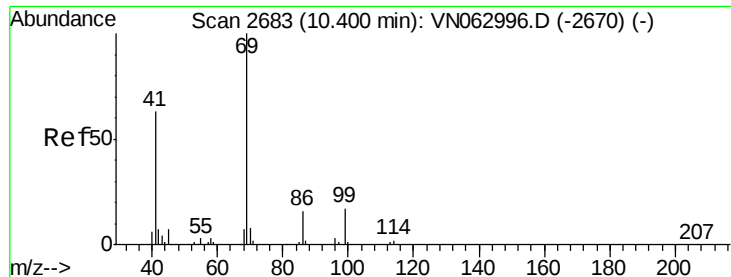
Tot Ion: 75 Resp: 1150
Ion Ratio Lower Upper
75 100
77 132.1 24.6 37.0#



#55
1,1,2-Trichloroethane
Concen: 0.881 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. -0.15 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Tgt Ion: 97 Resp: 1858
Ion Ratio Lower Upper
97 100
83 0.0 70.5 105.7#
85 0.0 45.8 68.6#
99 0.0 49.7 74.5#





#56

Ethyl methacrylate

Concen: 3.102 ug/l

RT: 10.33 min Scan# 2660

Delta R.T. -0.07 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

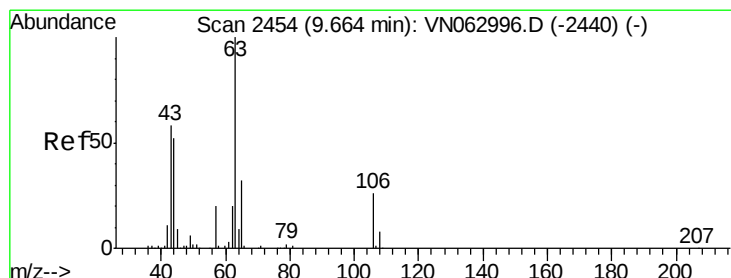
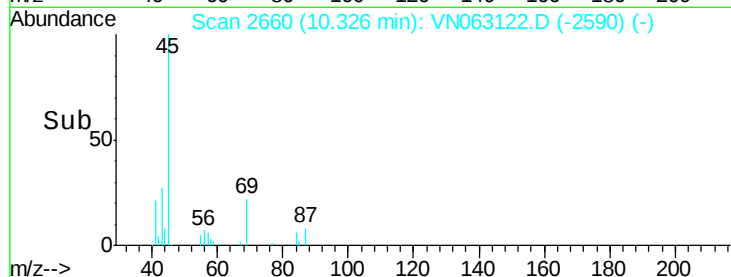
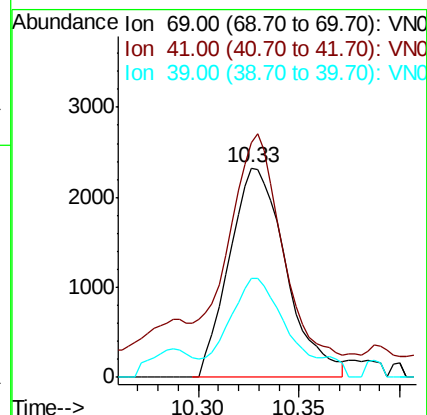
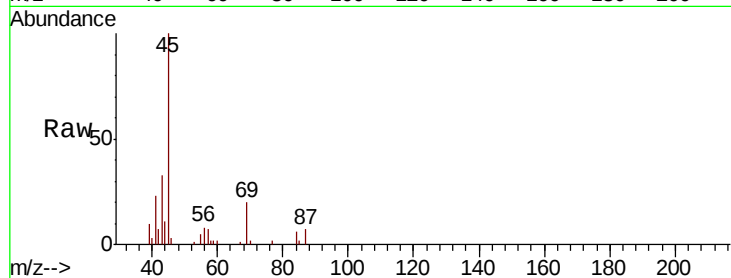
Tot Ion: 69 Resp: 4594

Ion Ratio Lower Upper

69 100

41 97.2 50.2 75.2#

39 50.1 24.2 36.4#



#58

2-Chloroethyl Vinyl ether

Concen: 13.139 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.02 min

Lab File: VN063122.D

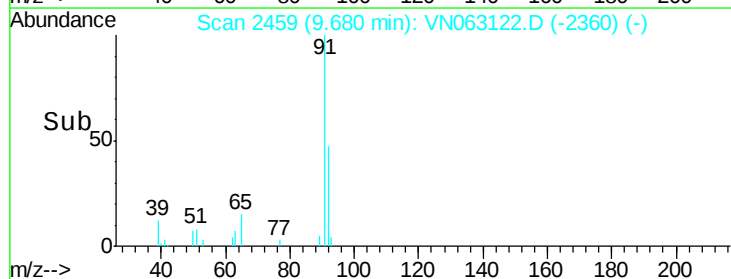
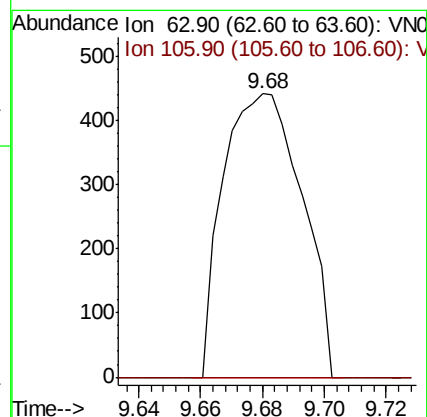
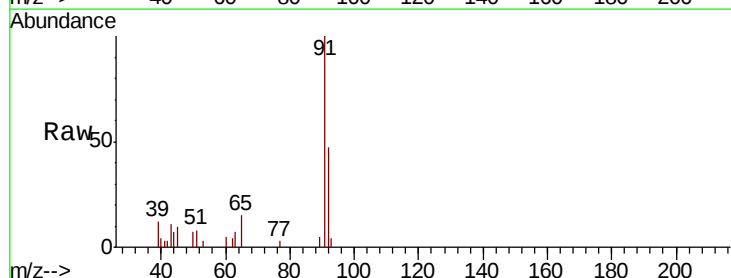
Acq: 25 Aug 2020 19:28

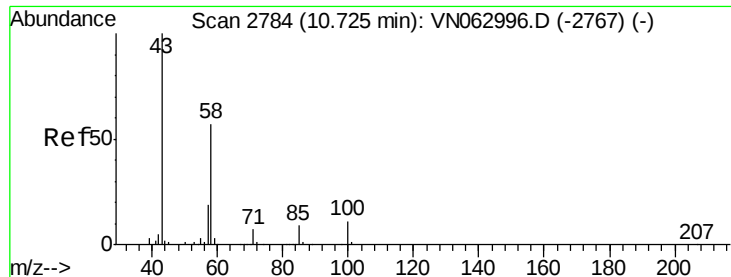
Tgt Ion: 63 Resp: 782

Ion Ratio Lower Upper

63 100

106 0.0 20.7 31.1#

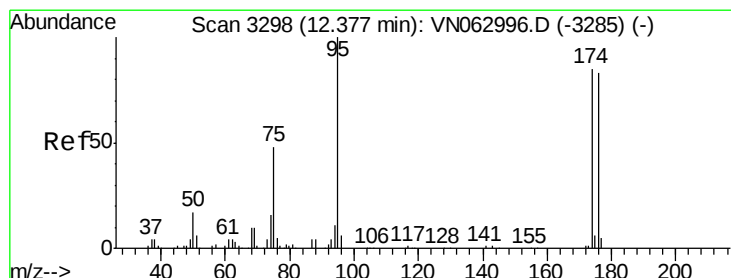
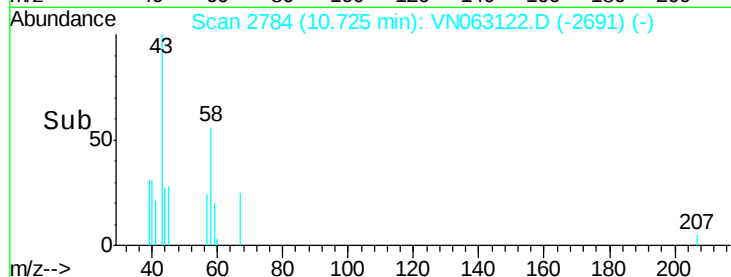
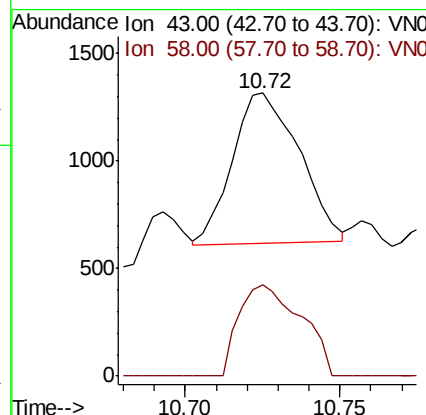
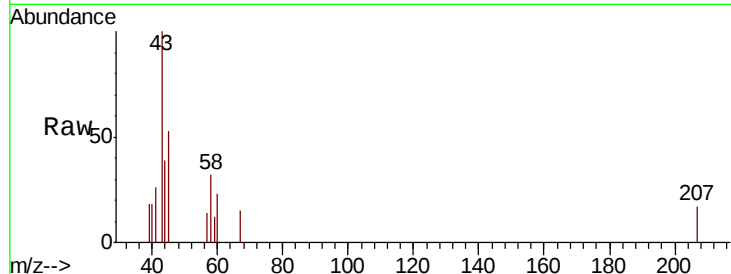




#59
2-Hexanone
Concen: 0.593 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

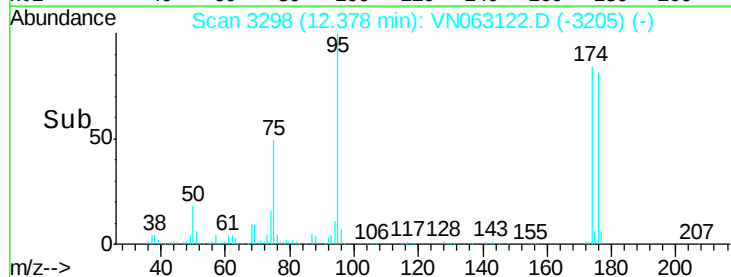
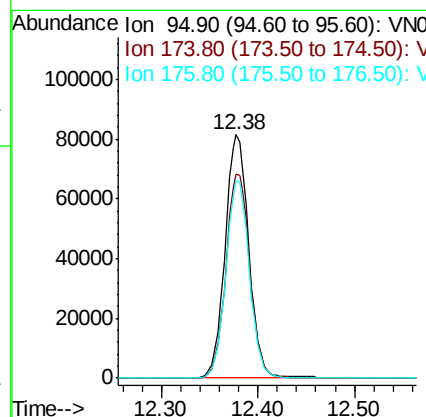
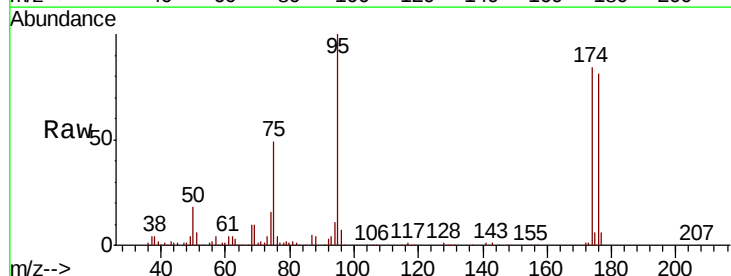
Instrument :
MSVOA_N
ClientSampleId :
COMP-3

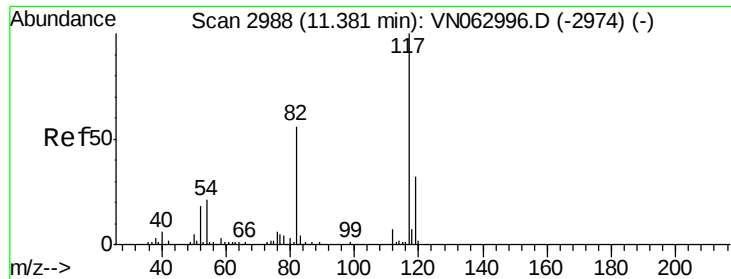
Tot Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 53.606 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Tgt Ion: 95 Resp: 138503
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.8
176 80.1 0.0 164.8

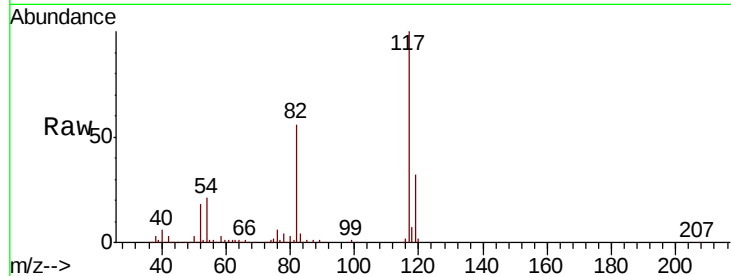




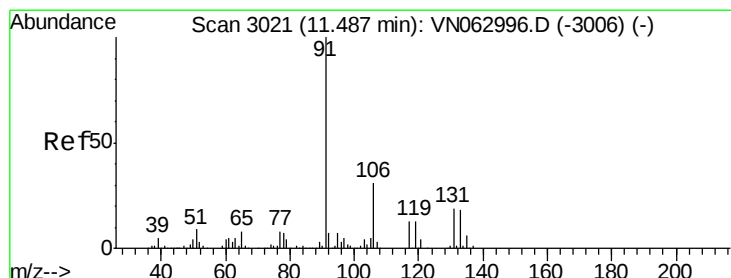
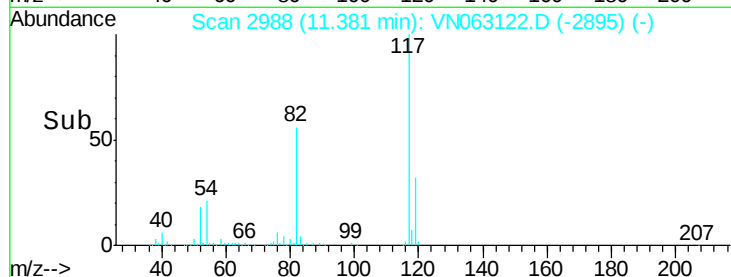
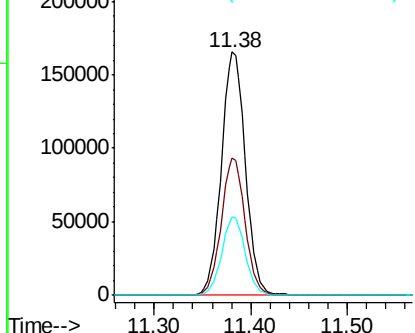
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tot Ion:117 Resp: 284766
Ion Ratio Lower Upper
117 100
82 56.4 44.5 66.7
119 32.1 25.5 38.3

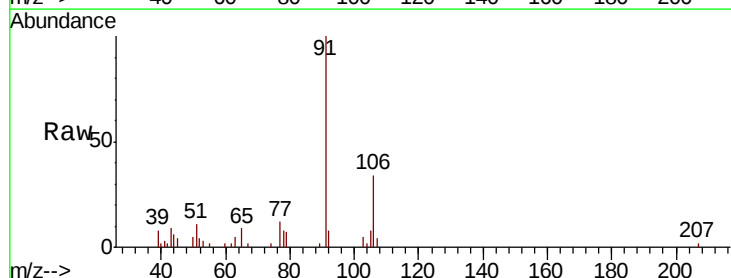


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

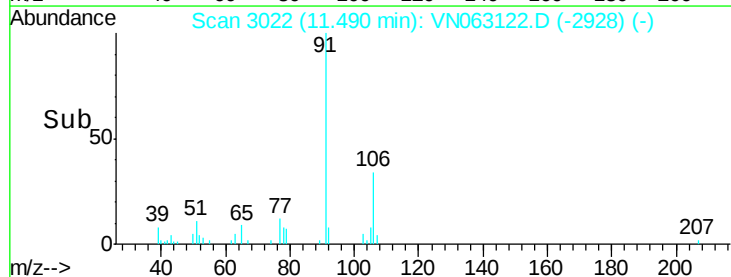
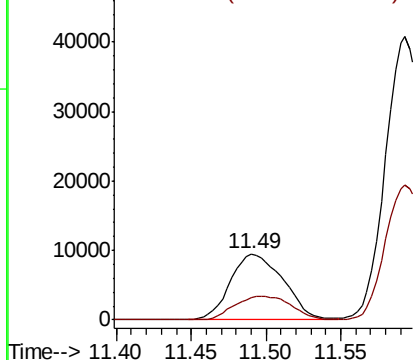


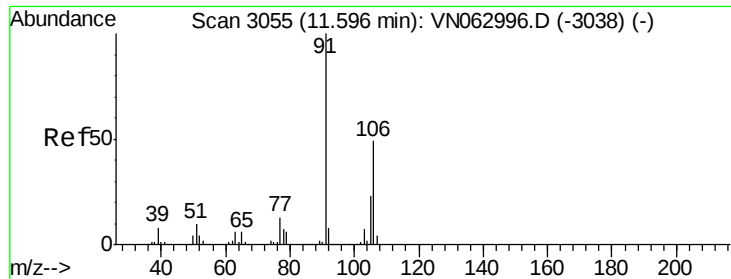
#67
Ethyl Benzene
Concen: 2.429 ug/l
RT: 11.49 min Scan# 3022
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Tgt Ion: 91 Resp: 23472
Ion Ratio Lower Upper
91 100
106 33.6 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V

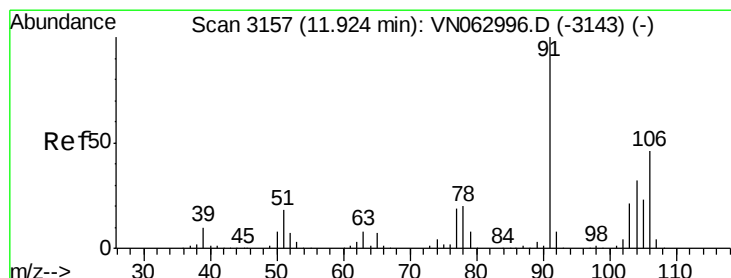
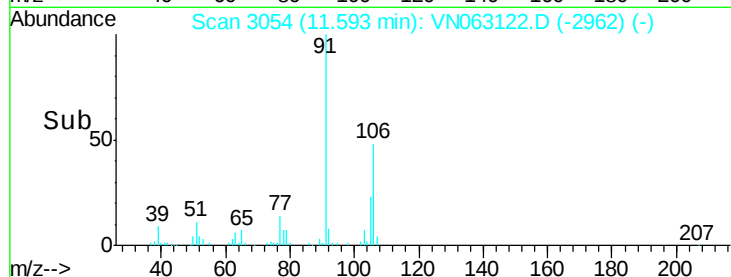
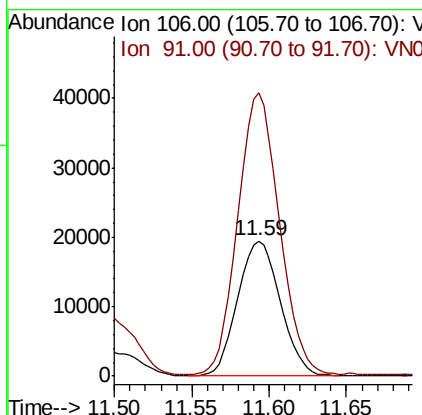
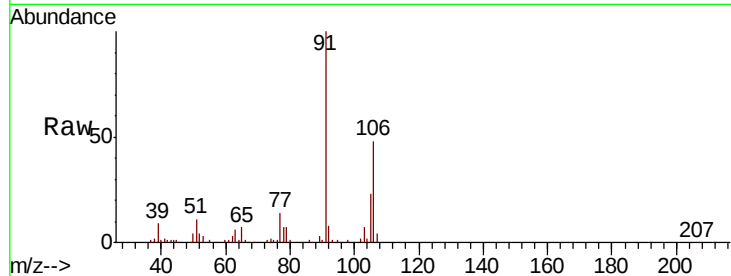




#68
m/p-Xylenes
Concen: 10.428 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

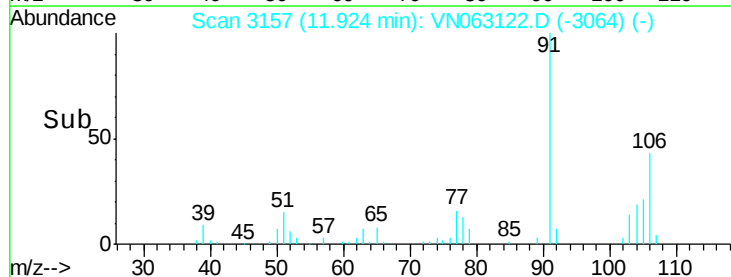
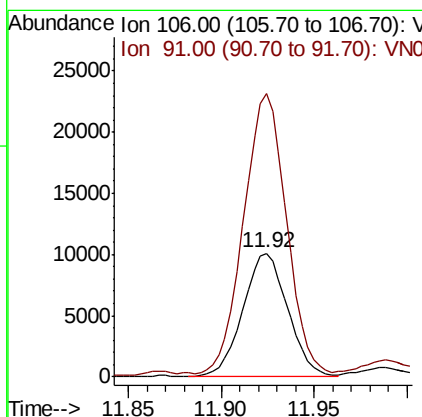
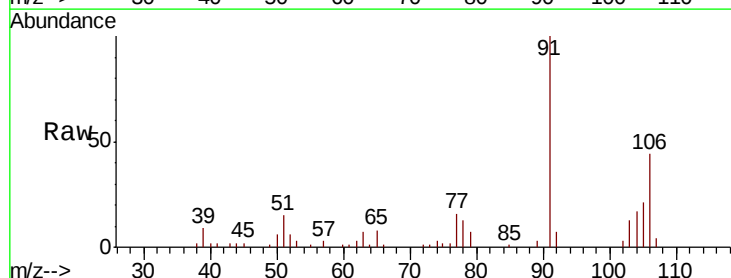
Instrument :
MSVOA_N
ClientSampleId :
COMP-3

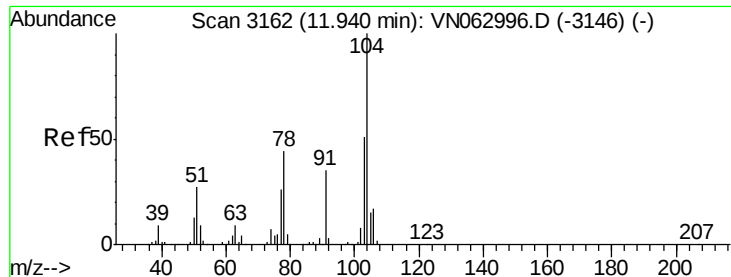
Tot Ion:106 Resp: 37454
Ion Ratio Lower Upper
106 100
91 202.3 163.0 244.4



#69
o-Xylene
Concen: 4.936 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Tgt Ion:106 Resp: 17024
Ion Ratio Lower Upper
106 100
91 214.2 107.3 321.9

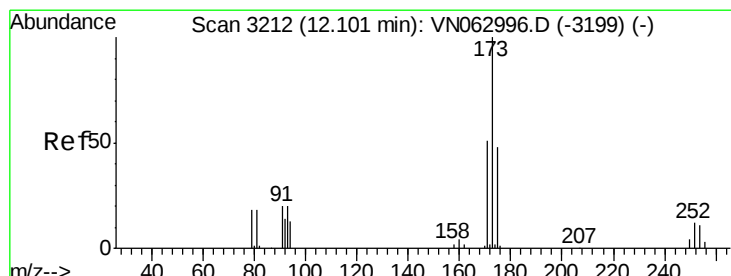
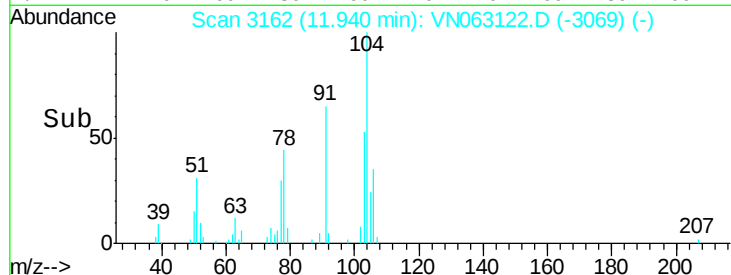
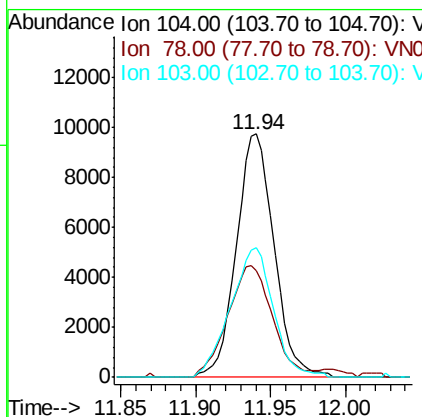
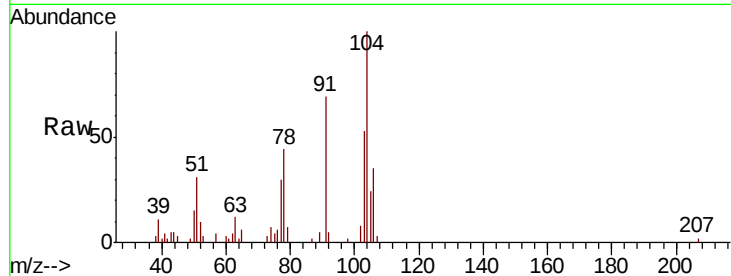




#70
Stvrene
Concen: 4.330 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

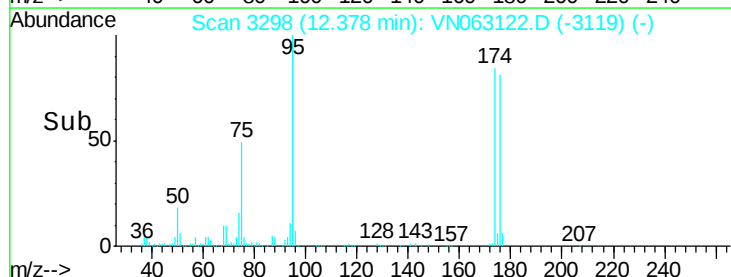
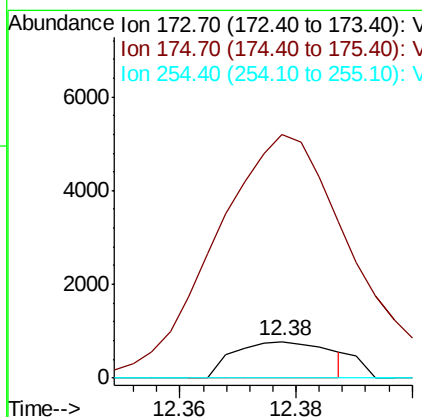
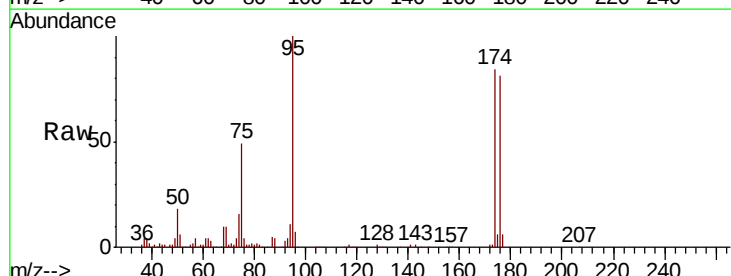
Instrument :
MSVOA_N
ClientSampled :
COMP-3

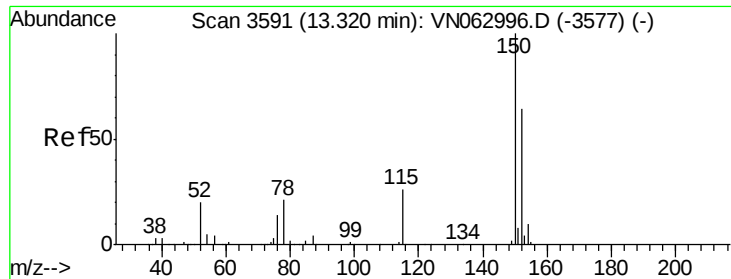
Tot Ion:104 Resp: 17127
Ion Ratio Lower Upper
104 100
78 54.3 39.0 58.6
103 60.2 44.3 66.5



#71
Bromoform
Concen: 0.503 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Tgt Ion:173 Resp: 891
Ion Ratio Lower Upper
173 100
175 796.6 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

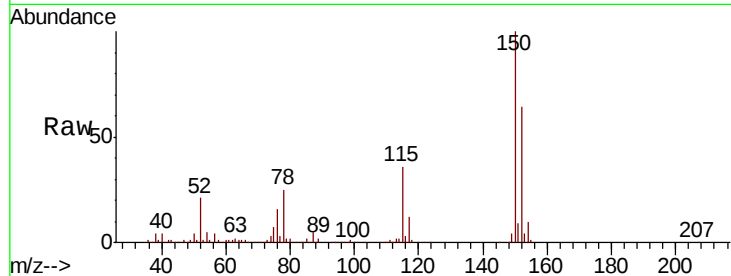
Tot Ion:152 Resp: 135211

Ion Ratio Lower Upper

152 100

115 58.2 28.7 86.3

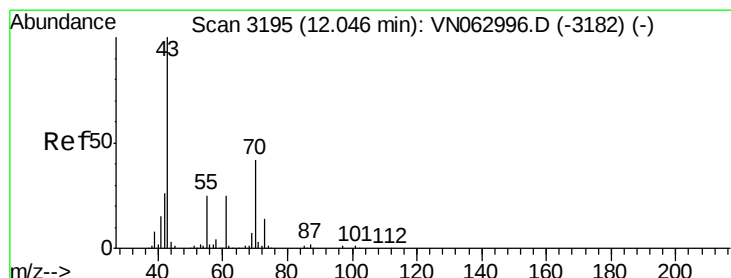
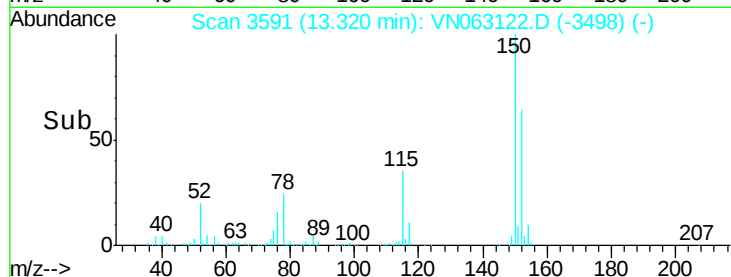
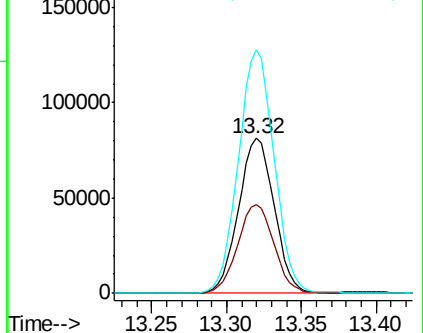
150 157.8 0.0 348.8



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



#74

N-ethyl acetate

Concen: 0.583 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.04 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Tgt Ion: 43 Resp: 1934

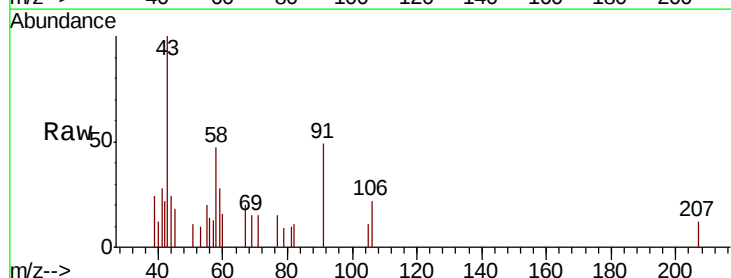
Ion Ratio Lower Upper

43 100

70 3.0 33.4 50.0#

55 33.7 20.2 30.2#

61 0.0 19.9 29.9#

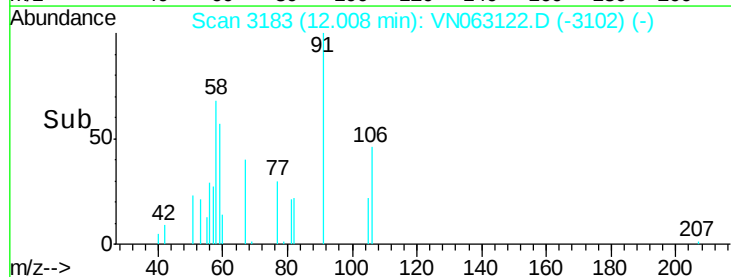
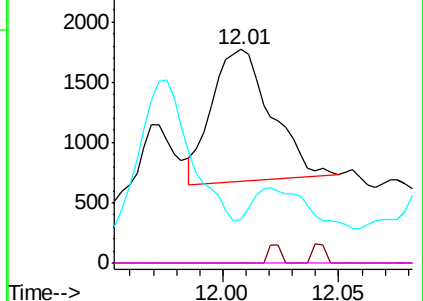


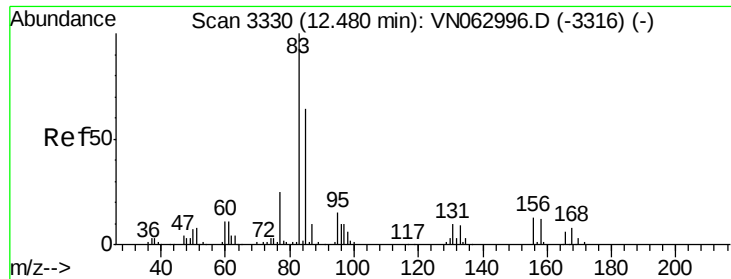
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. 0.02 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

COMP-3

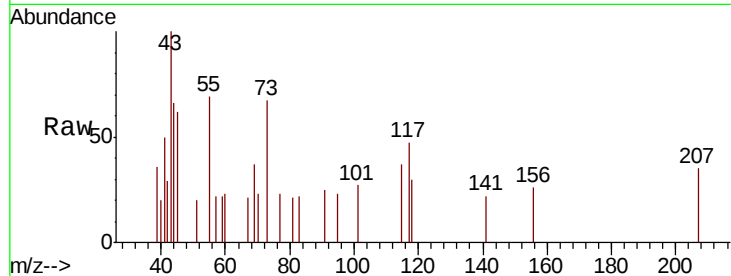
Tot Ion: 83 Resp: 91

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

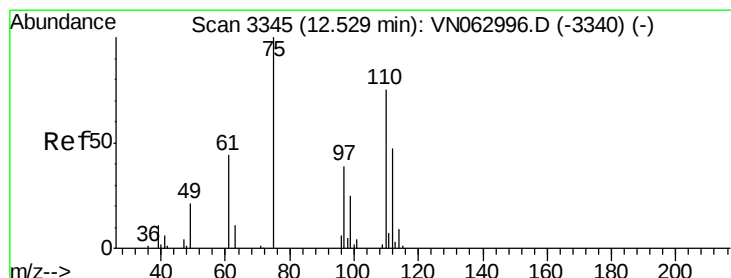
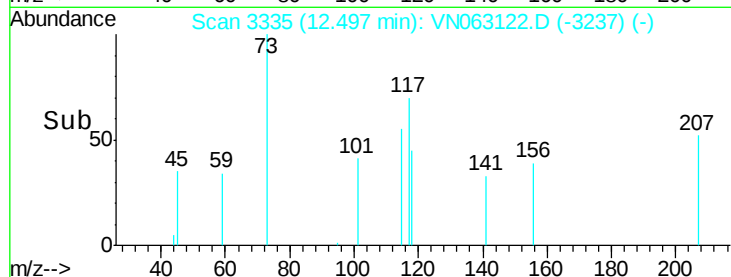
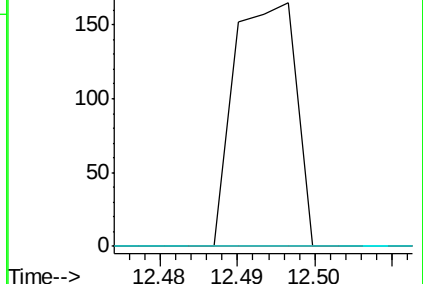
85 0.0 31.9 95.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.392 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063122.D

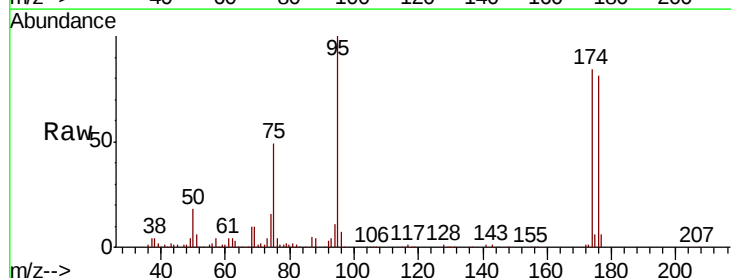
Acq: 25 Aug 2020 19:28

Tgt Ion: 75 Resp: 66736

Ion Ratio Lower Upper

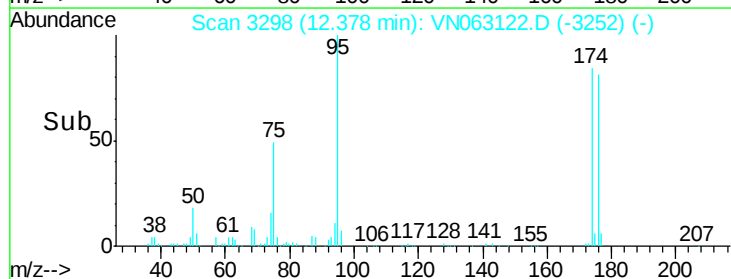
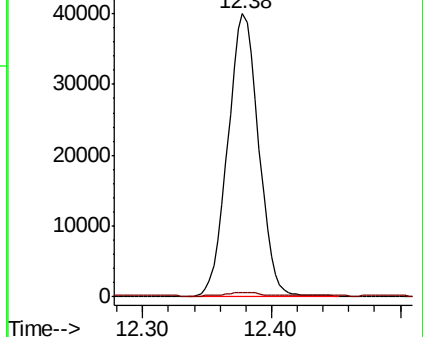
75 100

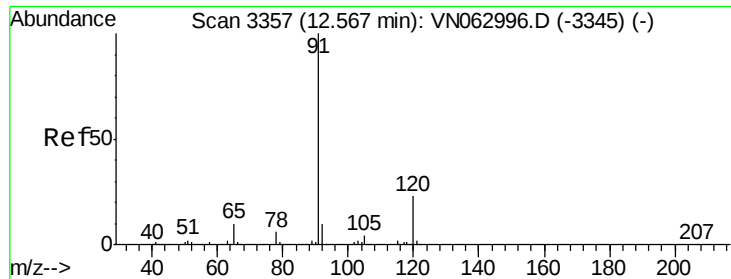
77 2.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.686 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

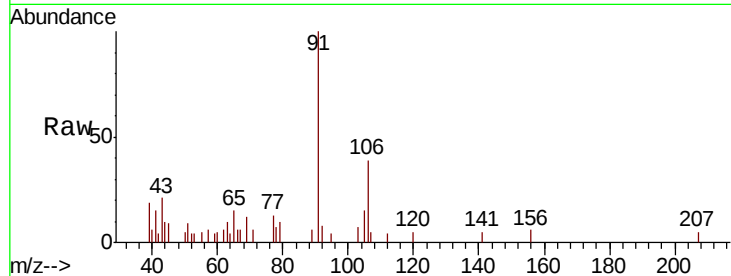
COMP-3

Tot Ion: 91 Resp: 7240

Ion Ratio Lower Upper

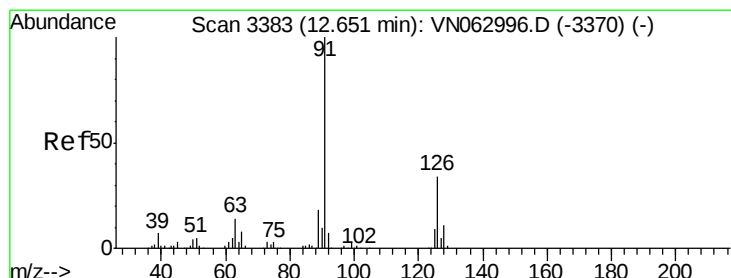
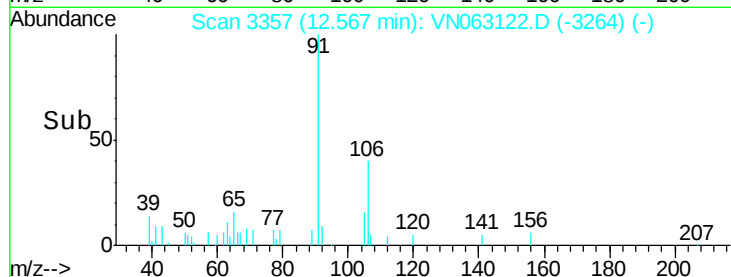
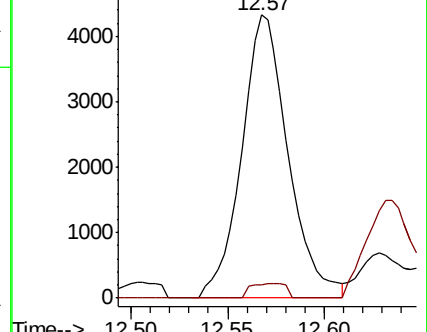
91 100

120 3.8 11.4 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VN063122.D (-3357) (-)

Ion 120.00 (119.70 to 120.70): VN063122.D (-3357) (-)



#79

2-Chlorotoluene

Concen: 0.322 ug/l

RT: 12.88 min Scan# 3455

Delta R.T. 0.23 min

Lab File: VN063122.D

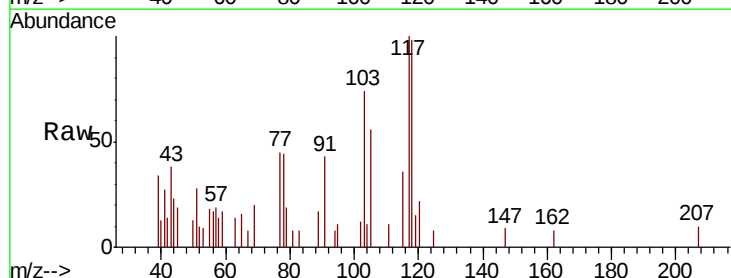
Acq: 25 Aug 2020 19:28

Tgt Ion: 91 Resp: 2135

Ion Ratio Lower Upper

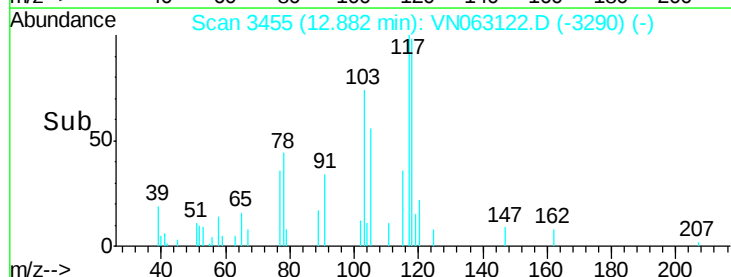
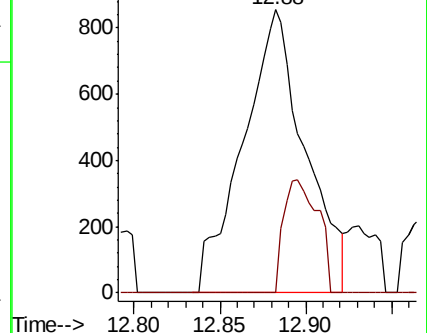
91 100

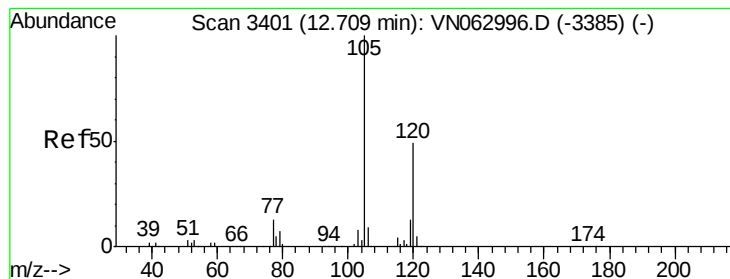
126 21.9 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN063122.D (-3455) (-)

Ion 125.90 (125.60 to 126.60): VN063122.D (-3455) (-)





#80

1,3,5-Trimethylbenzene

Concen: 0.858 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

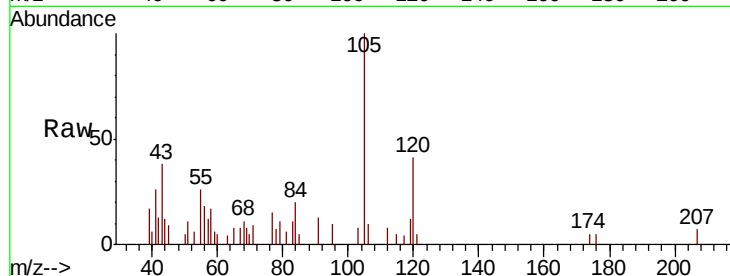
COMP-3

Tot Ion:105 Resp: 6571

Ion Ratio Lower Upper

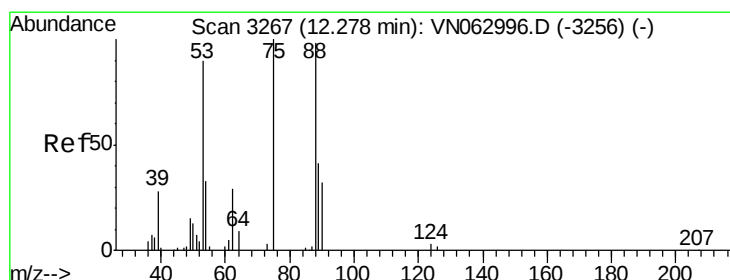
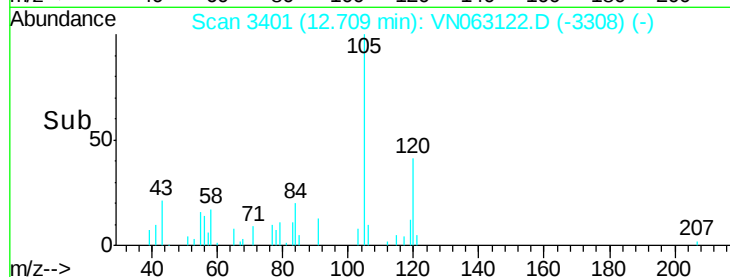
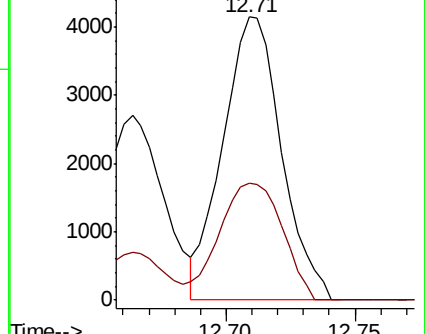
105 100

120 44.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.739 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

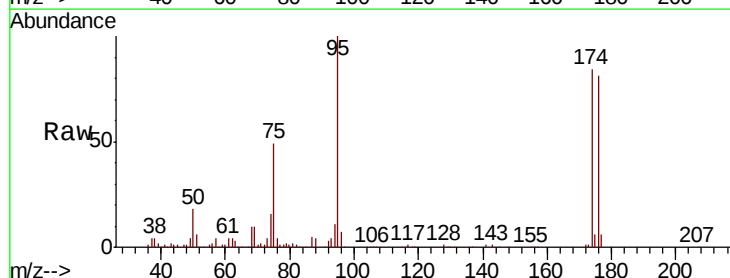
Tgt Ion: 75 Resp: 66736

Ion Ratio Lower Upper

75 100

53 0.3 69.2 103.8#

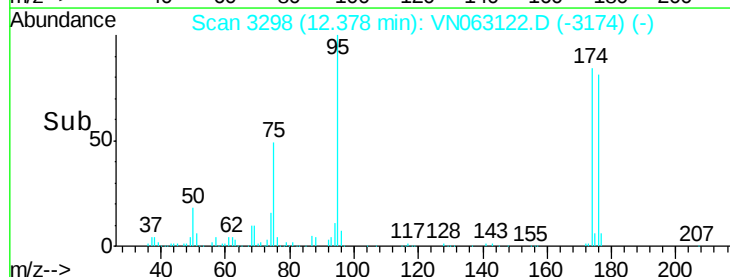
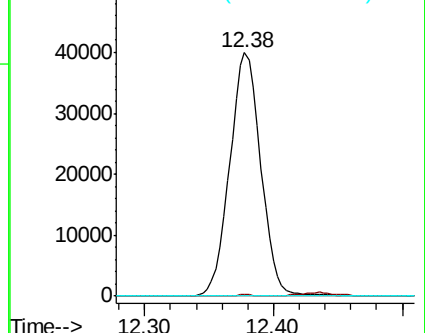
89 0.0 34.2 51.4#

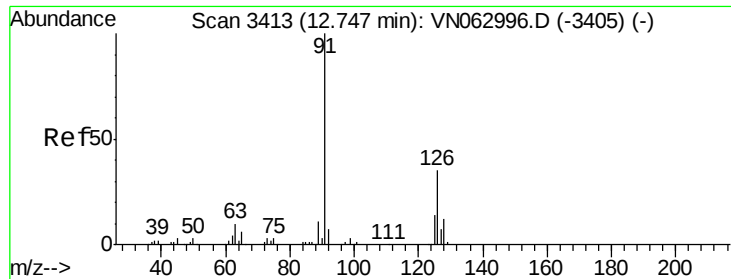


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#82

4-Chlorotoluene

Concen: 0.316 ug/l

RT: 12.88 min Scan# 3455

Delta R.T. 0.14 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

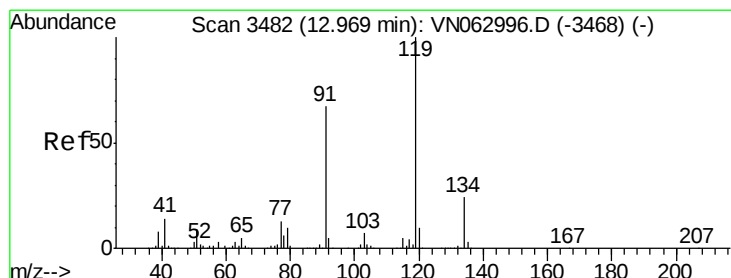
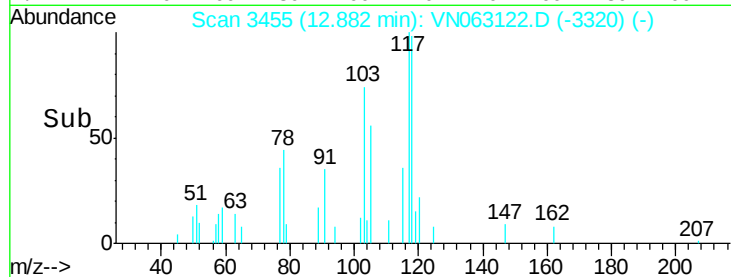
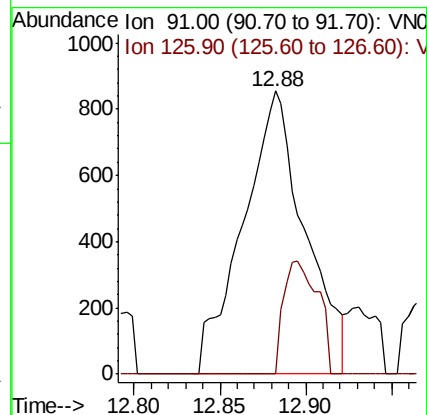
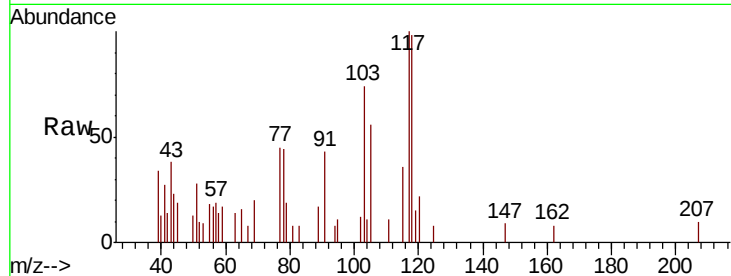
COMP-3

Tot Ion: 91 Resp: 2135

Ion Ratio Lower Upper

91 100

126 21.9 16.5 49.5



#83

tert-Butylbenzene

Concen: 0.891 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.05 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

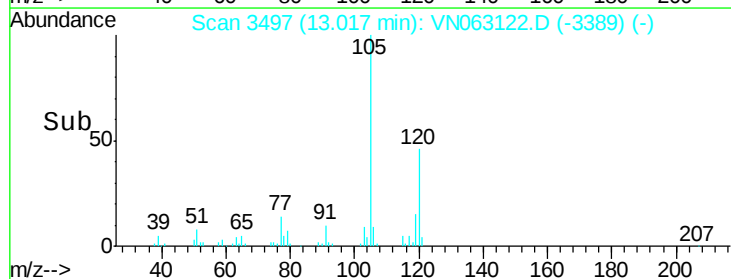
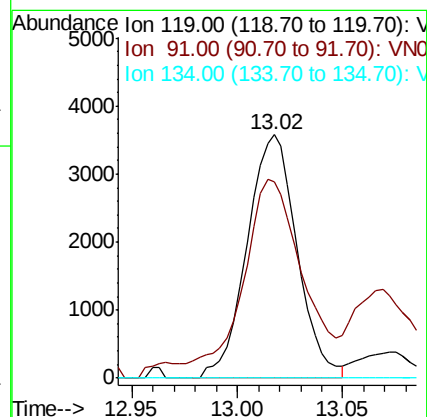
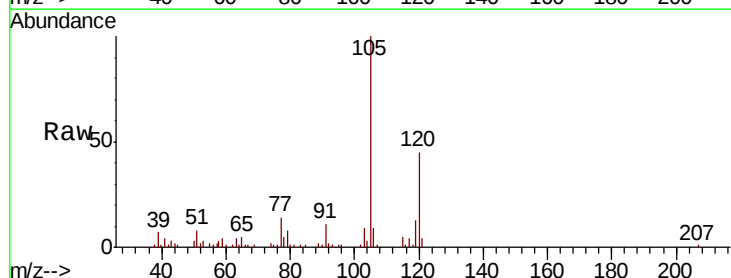
Tgt Ion: 119 Resp: 5884

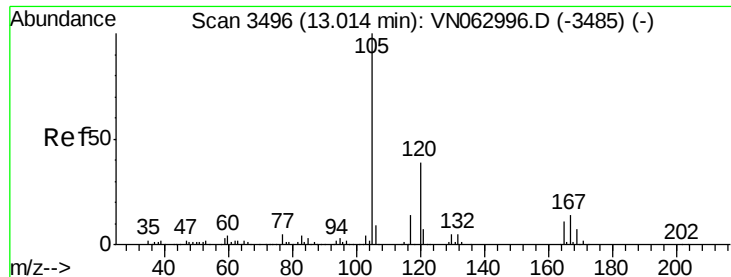
Ion Ratio Lower Upper

119 100

91 93.5 32.5 97.4

134 0.0 13.1 39.3#





#84

1,2,4-Trimethylbenzene

Concen: 6.177 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN063122.D

Acq: 25 Aug 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

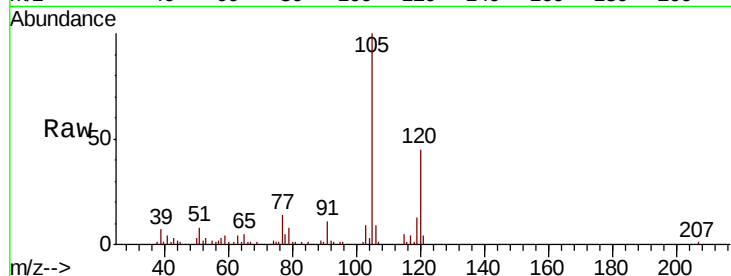
COMP-3

Tot Ion:105 Resp: 46059

Ion Ratio Lower Upper

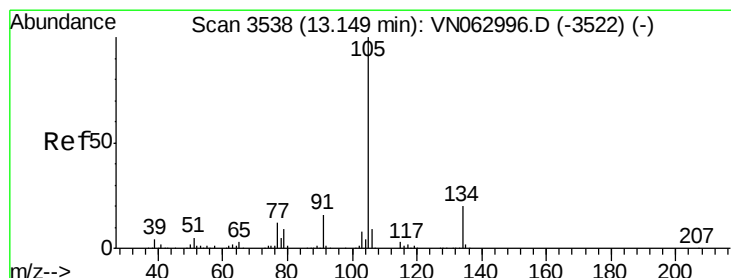
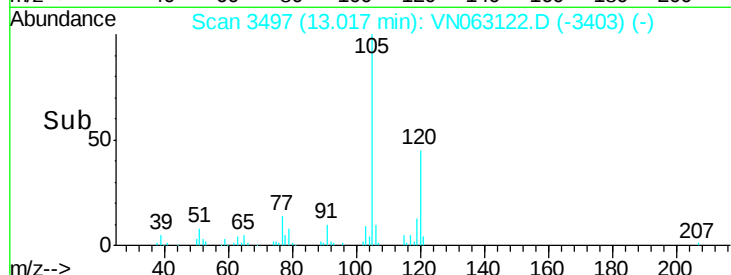
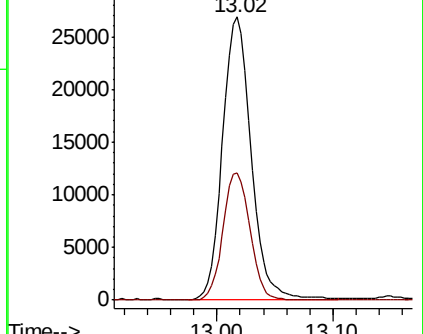
105 100

120 42.1 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 5.159 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. -0.13 min

Lab File: VN063122.D

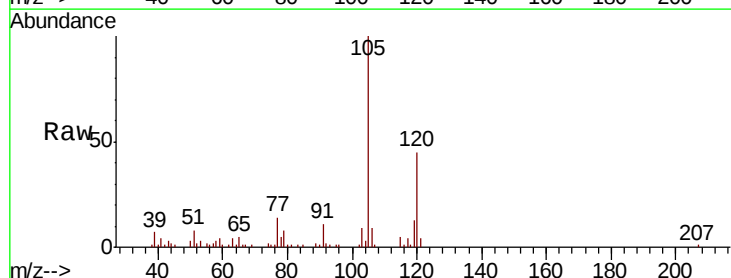
Acq: 25 Aug 2020 19:28

Tgt Ion:105 Resp: 46059

Ion Ratio Lower Upper

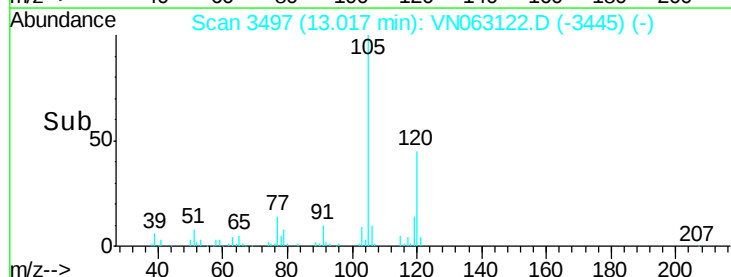
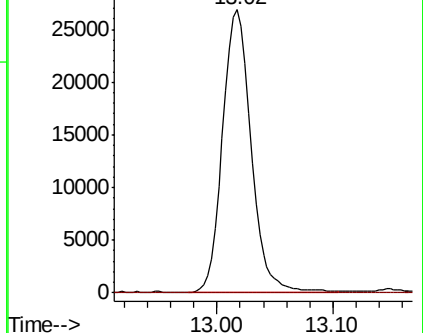
105 100

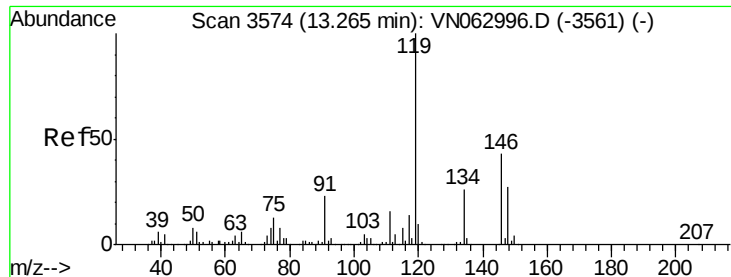
134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

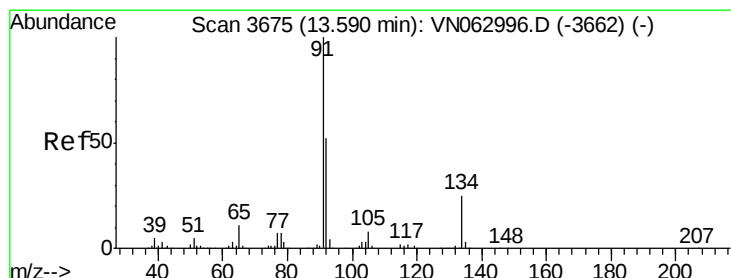
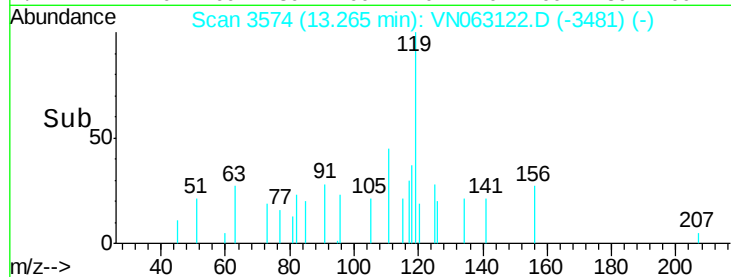
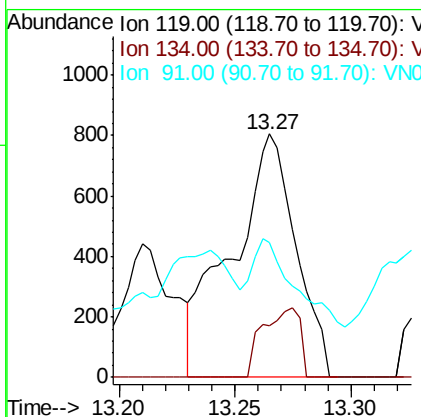
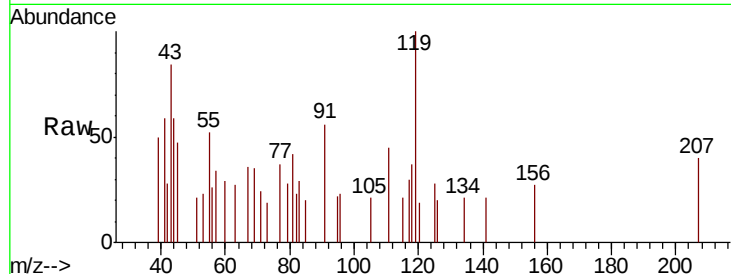




#86
 p-Isopropyltoluene
 Concen: 0.200 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

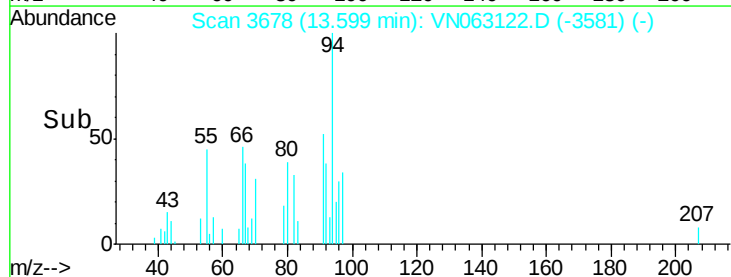
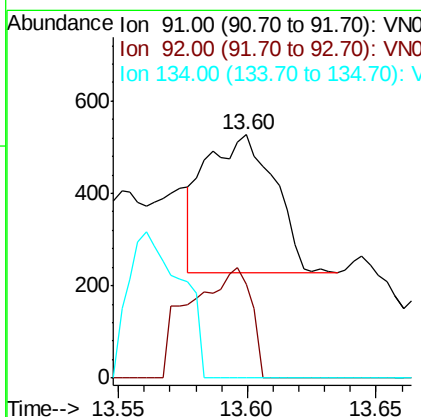
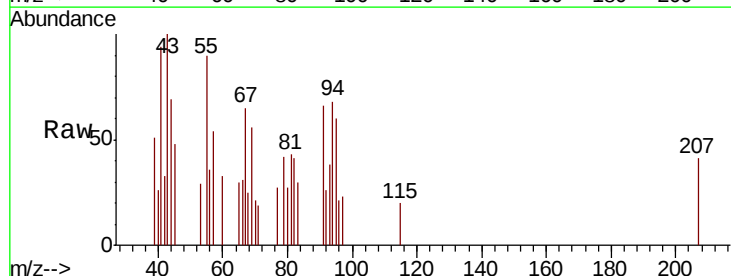
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

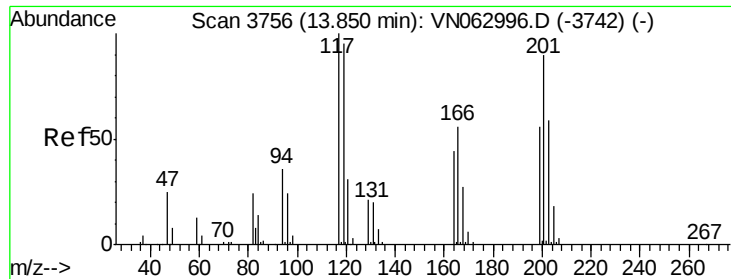
Tot Ion: 119 Resp: 1557
 Ion Ratio Lower Upper
 119 100
 134 16.5 13.1 39.3
 91 23.6 11.5 34.4



#89
 n-Butylbenzene
 Concen: 2.843 ug/l
 RT: 13.60 min Scan# 3678
 Delta R.T. 0.01 min
 Lab File: VN063122.D
 Acq: 25 Aug 2020 19:28

Tgt Ion: 91 Resp: 562
 Ion Ratio Lower Upper
 91 100
 92 69.6 25.9 77.6
 134 0.0 12.4 37.0#

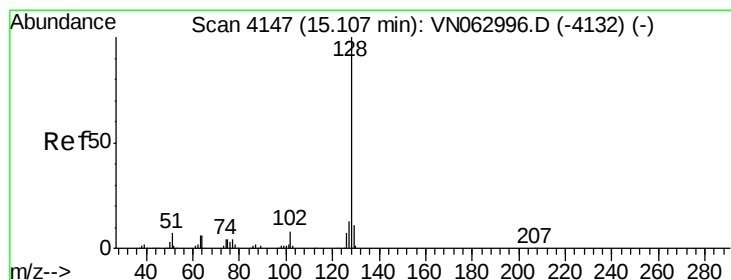
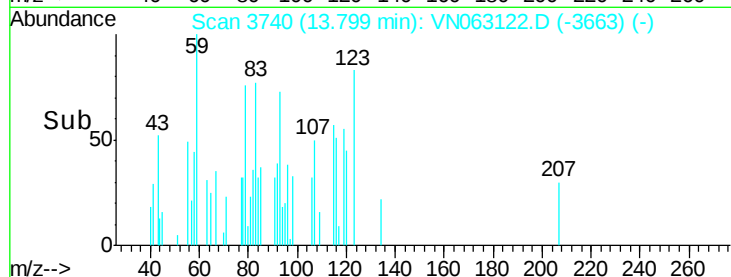
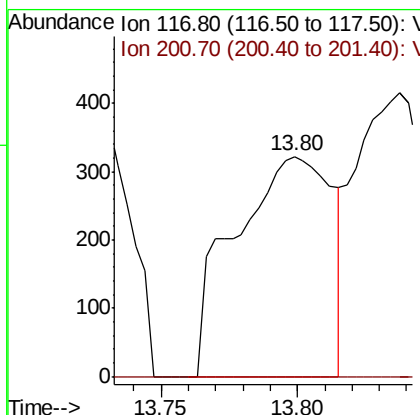
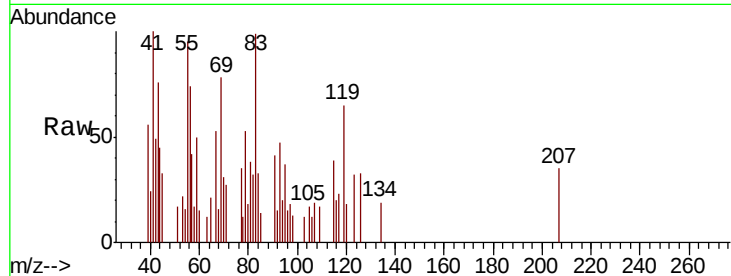




#90
Hexachloroethane
Concen: 0.484 ug/l
RT: 13.80 min Scan# 3740
Delta R.T. -0.05 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Instrument :
MSVOA_N
ClientSampled :
COMP-3

Tot Ion:117 Resp: 800
Ion Ratio Lower Upper
117 100
201 0.0 44.1 132.4#



#95
Naphthalene
Concen: 127.065 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063122.D
Acq: 25 Aug 2020 19:28

Tgt Ion:128 Resp: 738376
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.9 13.3

