

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN061996.D
 Acq On : 22 Jun 2020 13:53
 Operator : JC/MD
 Sample : VN0622MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

Quant Time: Jun 23 05:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	165998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	285923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111613	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.55	113	91152	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.06	98	351607	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.37	95	118367	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39757	18.591	ug/l	97
3) Chloromethane	2.03	50	40858	17.732	ug/l	100
4) Vinyl Chloride	2.16	62	49499	18.020	ug/l	99
5) Bromomethane	2.53	94	37042	17.561	ug/l	99
6) Chloroethane	2.67	64	34964	18.808	ug/l	97
7) Trichlorofluoromethane	2.98	101	64040	19.518	ug/l	97
8) Diethyl Ether	3.37	74	23162	20.998	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33853	20.111	ug/l	99
10) Methyl Iodide	3.91	142	39181	22.554	ug/l	100
11) Tert butyl alcohol	4.73	59	36045	117.002	ug/l	99
12) 1,1-Dichloroethene	3.70	96	32615	19.338	ug/l	98
13) Acrolein	3.56	56	19343	105.053	ug/l	98
14) Allyl chloride	4.27	41	46803	20.908	ug/l	98
15) Acrylonitrile	4.93	53	88896	116.455	ug/l	99
16) Acetone	3.77	43	72273	109.904	ug/l	100
17) Carbon Disulfide	4.00	76	77635	15.731	ug/l	99
18) Methyl Acetate	4.28	43	42633	22.518	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	120613	21.478	ug/l	97
20) Methylene Chloride	4.50	84	40804	19.045	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	36336	18.756	ug/l	97
22) Diisopropyl ether	5.90	45	109283	21.346	ug/l	99
23) Vinyl Acetate	5.84	43	428362	106.384	ug/l	97
24) 1,1-Dichloroethane	5.80	63	68584	20.465	ug/l	99
25) 2-Butanone	6.78	43	110037	114.688	ug/l	100
26) 2,2-Dichloropropane	6.78	77	57127	20.261	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	43566	19.490	ug/l	97
28) Bromochloromethane	7.15	49	32681	21.901	ug/l	93
29) Tetrahydrofuran	7.17	42	71615	113.420	ug/l	98
30) Chloroform	7.33	83	71732	20.027	ug/l	97
31) Cyclohexane	7.61	56	51075	17.409	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	59373	19.465	ug/l	99
36) 1,1-Dichloropropene	7.75	75	49605	19.021	ug/l	98
37) Ethyl Acetate	6.88	43	47426	23.288	ug/l	99
38) Carbon Tetrachloride	7.73	117	49312	19.094	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50629	18.029	ug/l	95
40) Benzene	8.00	78	159090	20.138	ug/l	96
41) Methacrylonitrile	7.16	41	66577	76.450	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	56599	21.012	ug/l	98
43) Isopropyl Acetate	8.12	43	76539	22.301	ug/l	99
44) Trichloroethene	8.80	130	40159	19.316	ug/l	99
45) 1,2-Dichloropropane	9.08	63	42050	21.659	ug/l	96
46) Dibromomethane	9.18	93	28480	20.832	ug/l	98
47) Bromodichloromethane	9.37	83	58680	20.961	ug/l	100
48) Methyl methacrylate	9.17	41	34413	22.049	ug/l	93
49) 1,4-Dioxane	9.17	88	16166	451.142	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	232238	114.509	ug/l	99
52) Toluene	10.12	92	101068	20.371	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	62180	20.923	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	66872	20.717	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	43328	22.196	ug/l	99
56) Ethyl methacrylate	10.40	69	54982	20.272	ug/l	96
57) 1,3-Dichloropropane	10.68	76	70616	21.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	108228	105.051	ug/l	99
59) 2-Hexanone	10.72	43	164164	109.291	ug/l	99
60) Dibromochloromethane	10.87	129	45314	20.803	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42288	20.746	ug/l	100
64) Tetrachloroethene	10.60	164	34041	20.218	ug/l	96
65) Chlorobenzene	11.41	112	110831	19.883	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	40266	20.713	ug/l	97
67) Ethyl Benzene	11.48	91	187314	20.043	ug/l	99
68) m/p-Xylenes	11.60	106	145016	40.241	ug/l	100
69) o-Xylene	11.92	106	69273	20.147	ug/l	98
70) Styrene	11.94	104	115159	20.002	ug/l	99
71) Bromoform	12.10	173	29553	20.849	ug/l #	99
73) Isopropylbenzene	12.22	105	180021	20.454	ug/l	100
74) N-amyl acetate	12.05	43	61048	21.044	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	63060	22.037	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	76721	31.552	ug/l #	100
77) Bromobenzene	12.50	156	46337	20.868	ug/l	98
78) n-propylbenzene	12.57	91	207214	20.633	ug/l	100
79) 2-Chlorotoluene	12.65	91	125899	20.873	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	150451	20.662	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19451	21.817	ug/l	98
82) 4-Chlorotoluene	12.75	91	128288	20.584	ug/l	99
83) tert-Butylbenzene	12.97	119	129446	20.969	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	151781	21.116	ug/l	99
85) sec-Butylbenzene	13.15	105	167647	20.749	ug/l	100
86) p-Isopropyltoluene	13.26	119	151240	21.006	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	81742	20.184	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	81677	19.703	ug/l	99
89) n-Butylbenzene	13.59	91	115084	19.140	ug/l	98
90) Hexachloroethane	13.85	117	27896	21.166	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	80345	20.608	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10497	22.596	ug/l	91

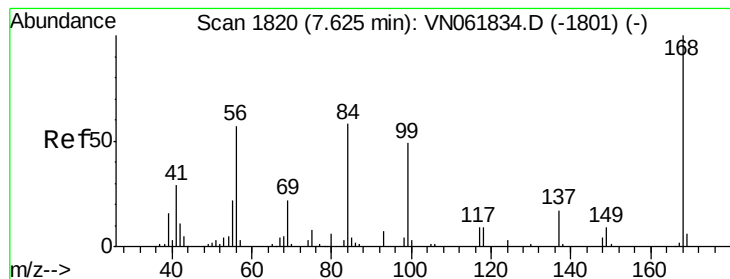
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
Data File : VN061996.D
Acq On : 22 Jun 2020 13:53
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Instrument :
MSVOA_N
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Quant Time: Jun 23 05:15:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	35285	19.179	ug/l	98
94) Hexachlorobutadiene	14.99	225	15916	21.965	ug/l	98
95) Naphthalene	15.10	128	99898	18.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	35260	19.352	ug/l	100

(#) = 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: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

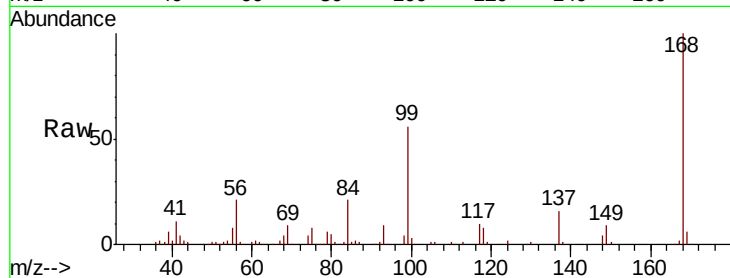
VN0622MBS01

Tot Ion:168 Resp: 165998

Ion Ratio Lower Upper

168 100

99 56.2 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

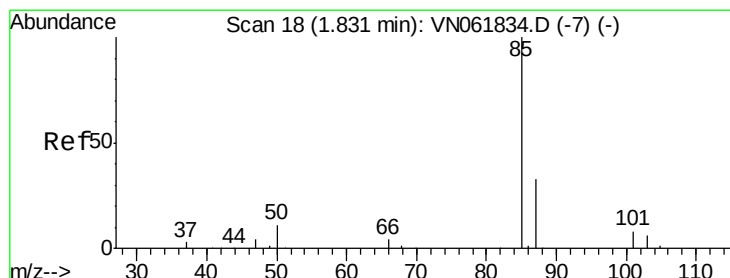
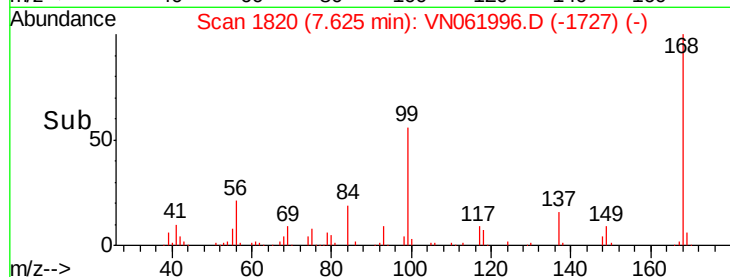
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.591 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061996.D

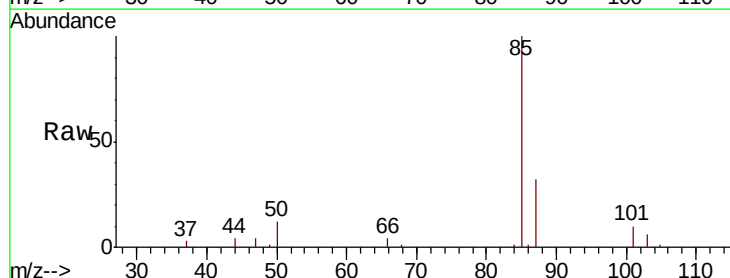
Acq: 22 Jun 2020 13:53

Tgt Ion: 85 Resp: 39757

Ion Ratio Lower Upper

85 100

87 31.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

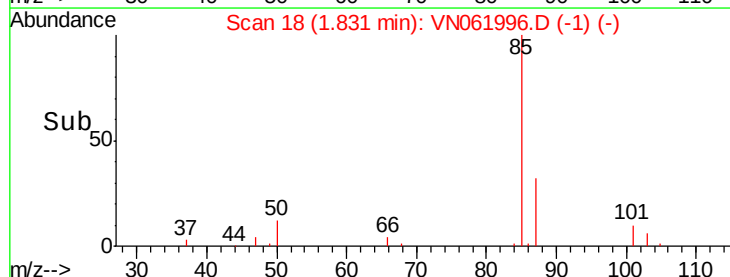
15000

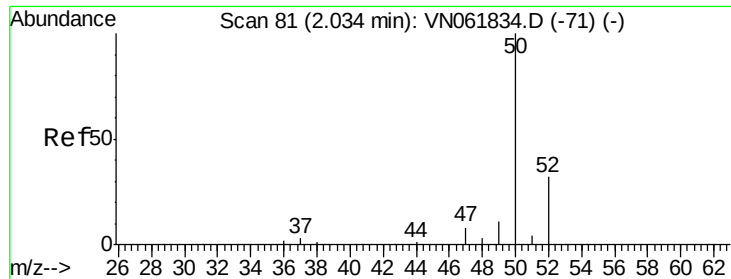
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.732 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

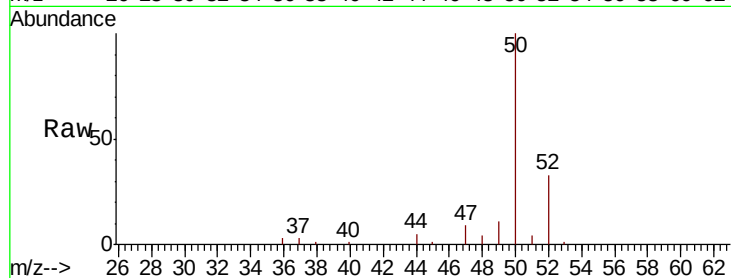
VN0622MBS01

Tot Ion: 50 Resp: 40858

Ion Ratio Lower Upper

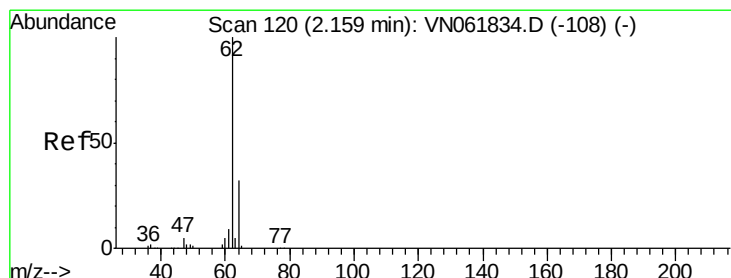
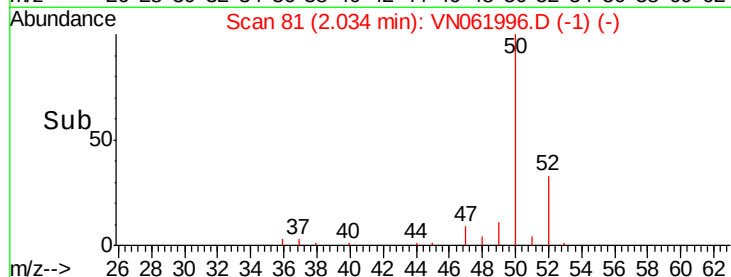
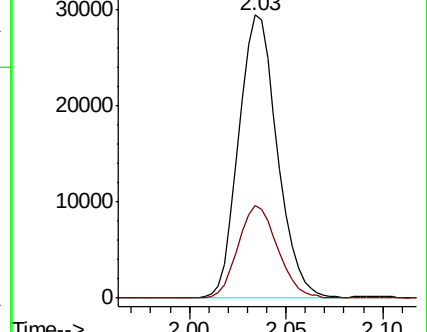
50 100

52 32.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN061834.D (-71) (-)

Ion 51.90 (51.60 to 52.60): VN061834.D (-71) (-)



#4

Vinyl Chloride

Concen: 18.020 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061996.D

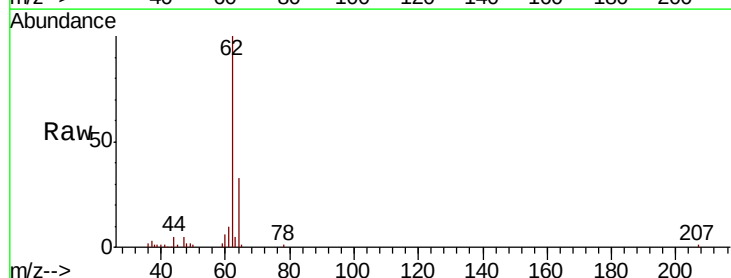
Acq: 22 Jun 2020 13:53

Tgt Ion: 62 Resp: 49499

Ion Ratio Lower Upper

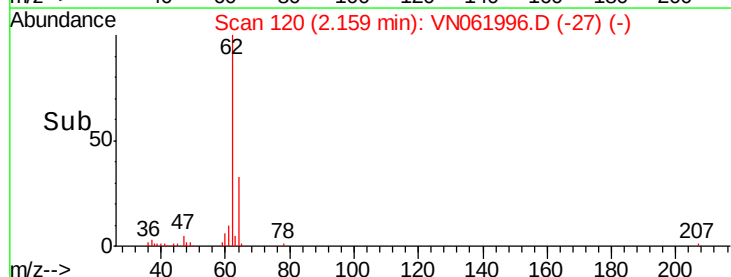
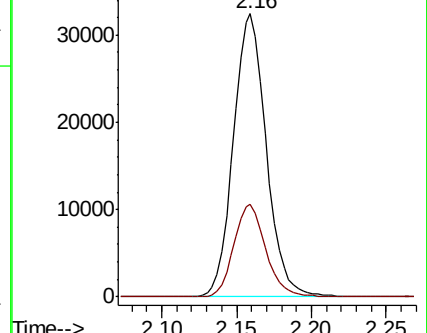
62 100

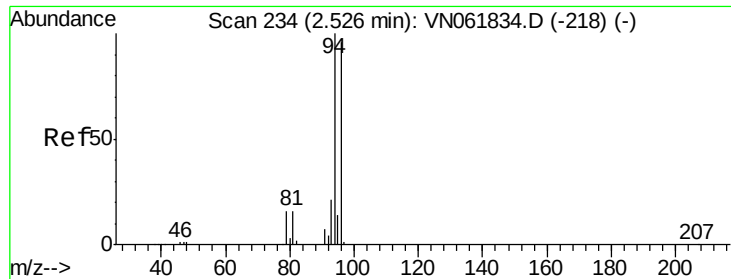
64 32.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN061834.D (-108) (-)

Ion 63.90 (63.60 to 64.60): VN061834.D (-108) (-)





#5

Bromomethane

Concen: 17.561 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

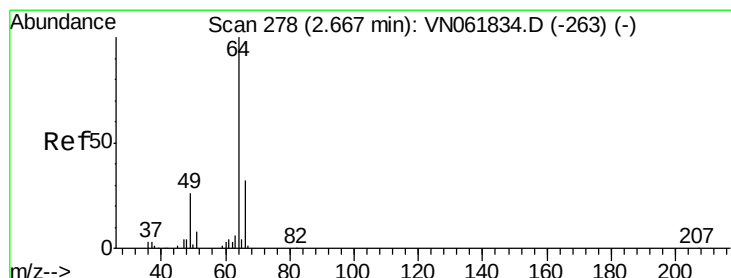
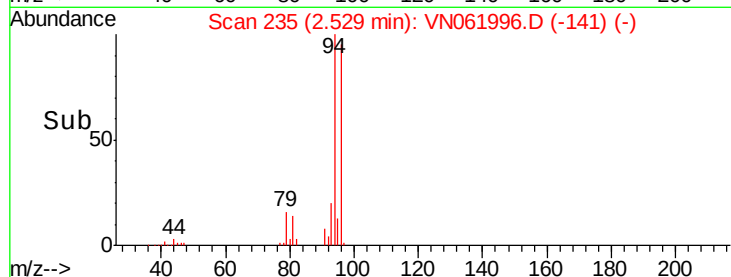
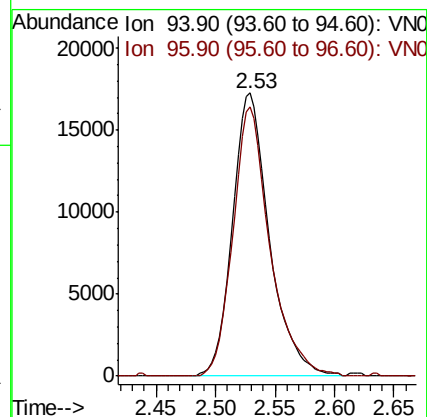
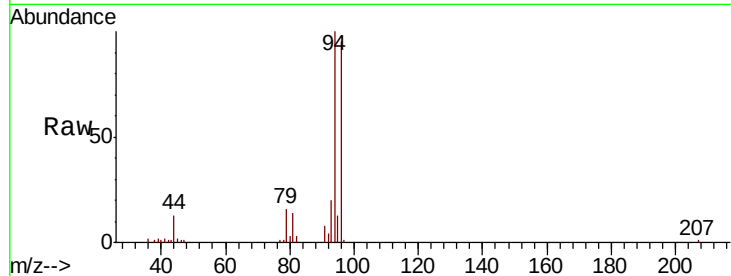
VN0622MBS01

Tot Ion: 94 Resp: 37042

Ion Ratio Lower Upper

94 100

96 95.3 76.7 115.1



#6

Chloroethane

Concen: 18.808 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061996.D

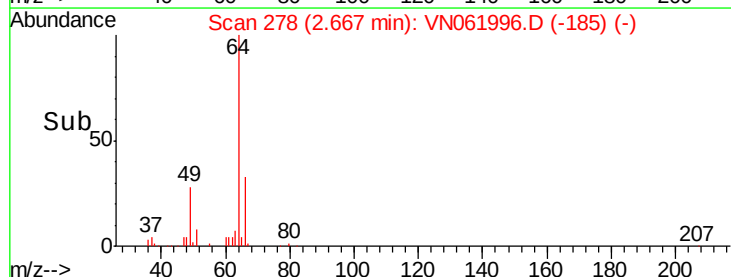
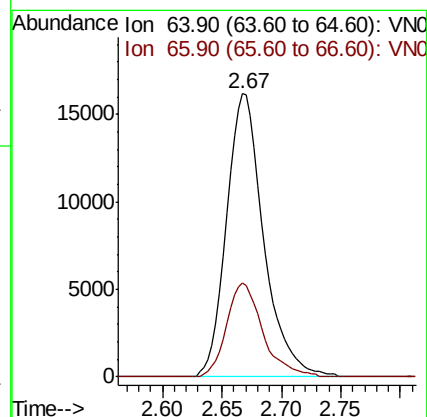
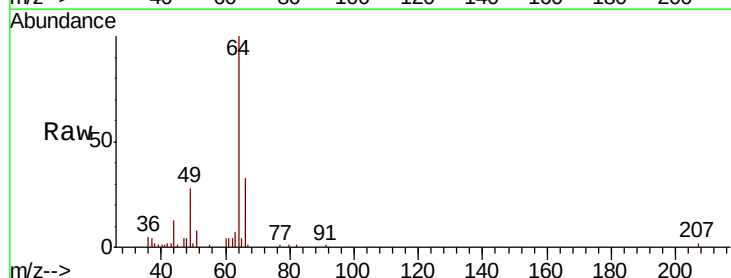
Acq: 22 Jun 2020 13:53

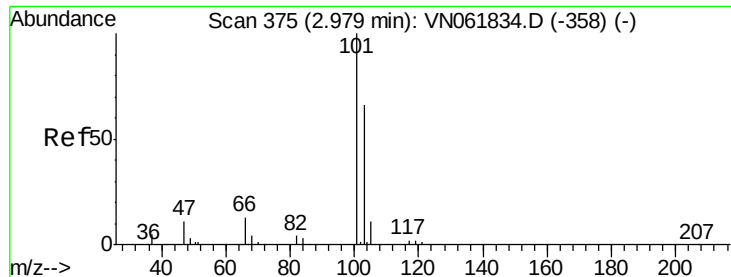
Tgt Ion: 64 Resp: 34964

Ion Ratio Lower Upper

64 100

66 33.3 25.4 38.2



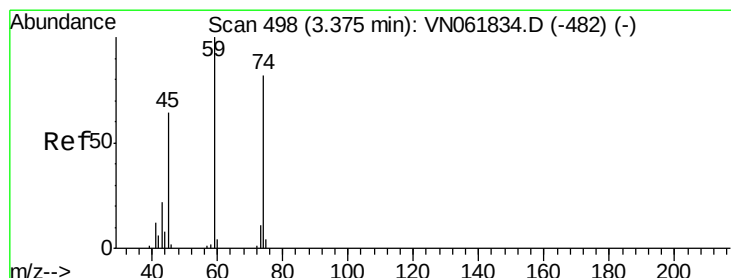
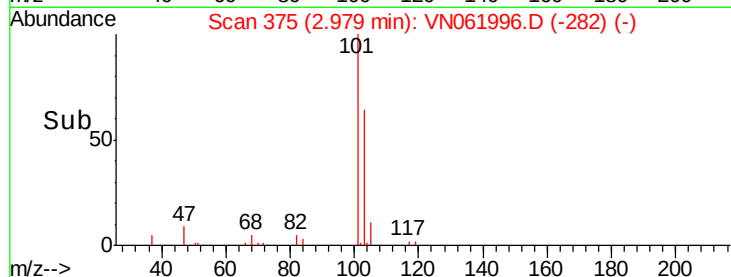
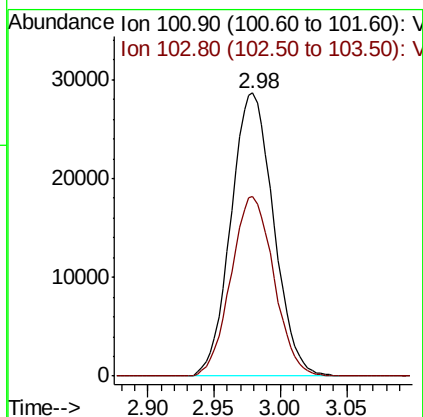
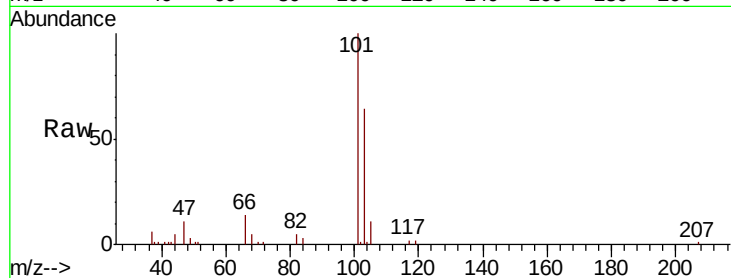


#7

Trichlorofluoromethane
 Concen: 19.518 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

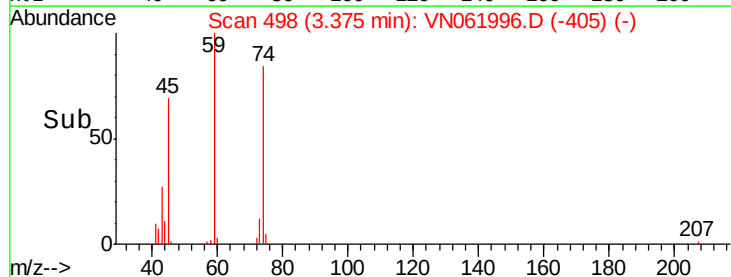
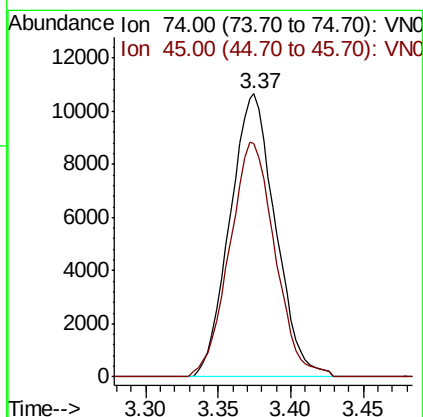
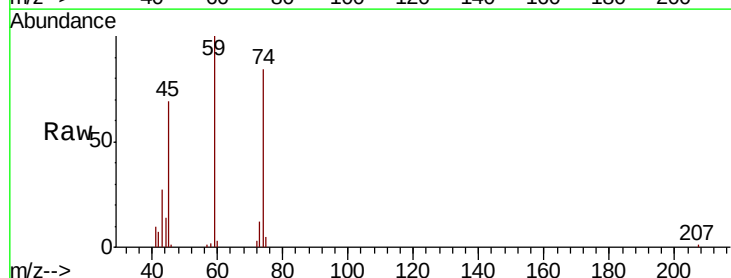
Tot Ion:101 Resp: 64040
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.8 79.2

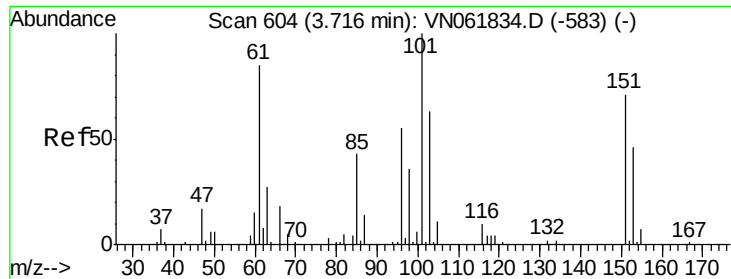


#8

Diethyl Ether
 Concen: 20.998 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion: 74 Resp: 23162
 Ion Ratio Lower Upper
 74 100
 45 83.1 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.111 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

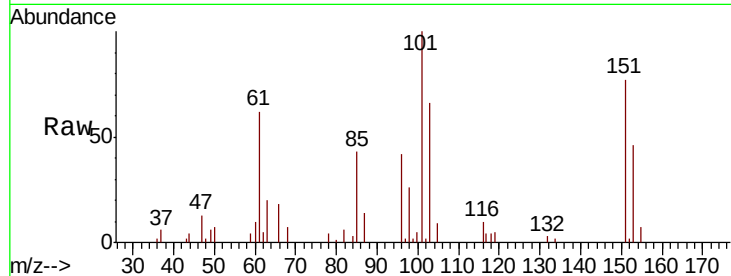
Tot Ion:101 Resp: 33853

Ion Ratio Lower Upper

101 100

85 42.5 35.0 52.6

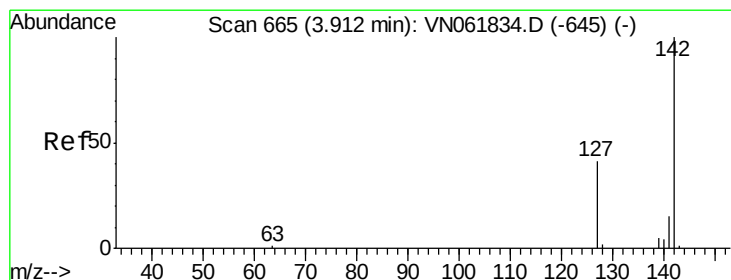
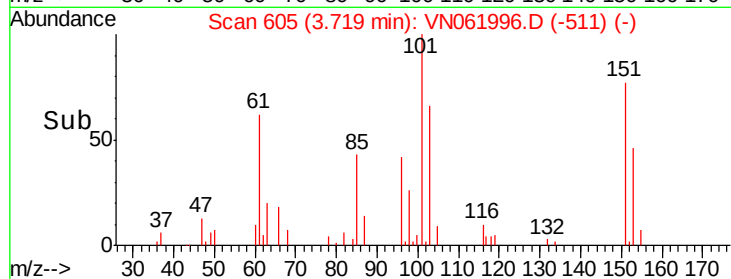
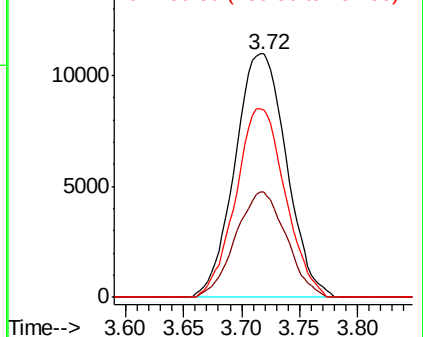
151 74.5 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.554 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

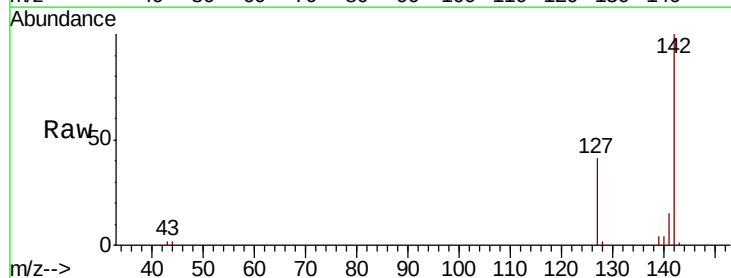
Tgt Ion:142 Resp: 39181

Ion Ratio Lower Upper

142 100

127 41.6 33.4 50.0

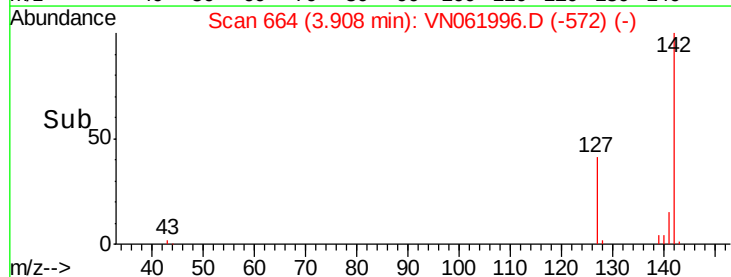
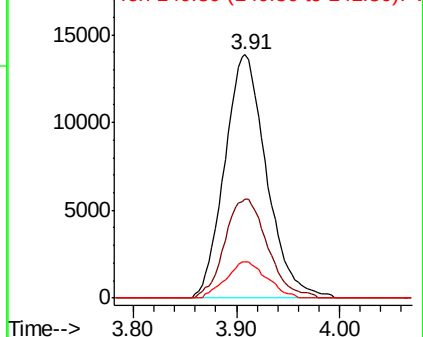
141 14.6 11.3 16.9

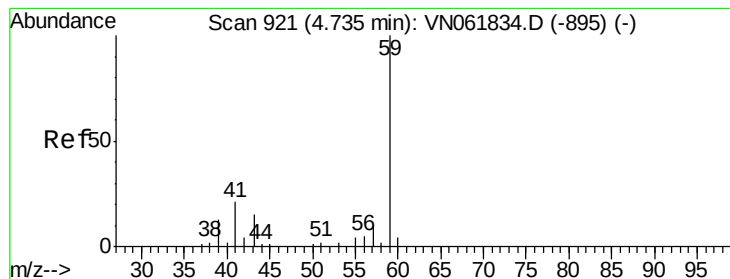


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



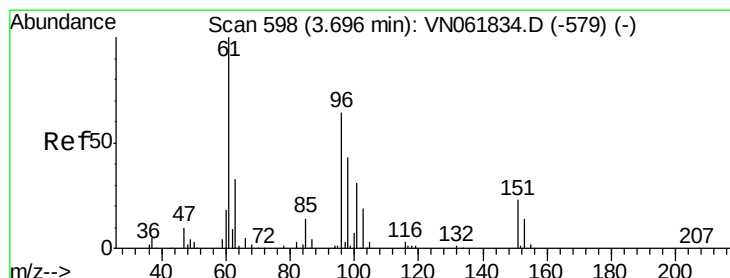
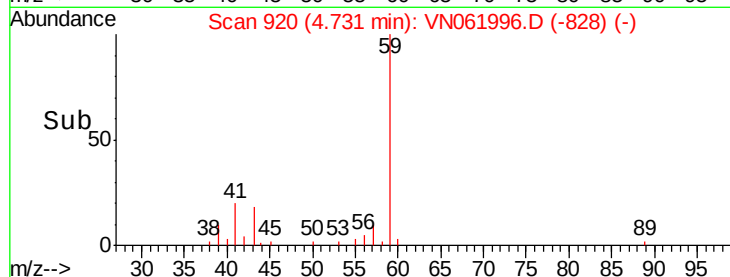
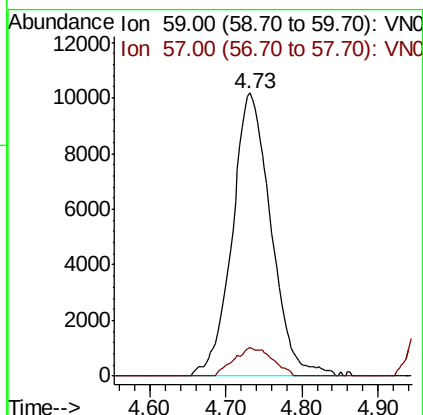
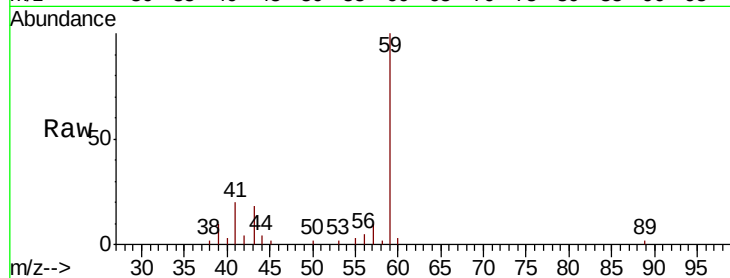


#11

Tert butyl alcohol
 Concen: 117.002 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

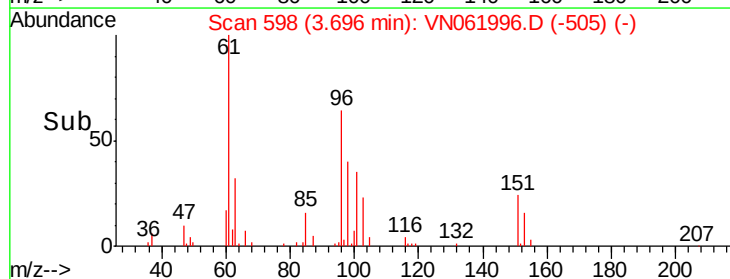
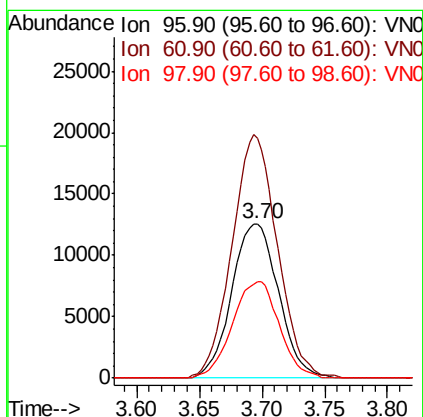
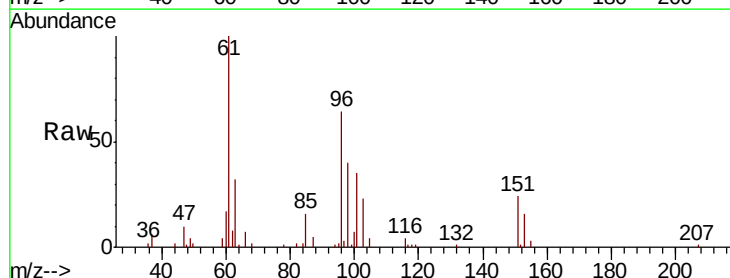
Tot Ion: 59 Resp: 36045
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.7 11.5

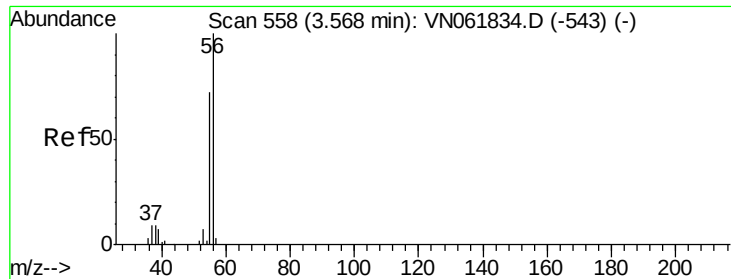


#12

1,1-Dichloroethene
 Concen: 19.338 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion: 96 Resp: 32615
 Ion Ratio Lower Upper
 96 100
 61 155.2 124.3 186.5
 98 62.4 53.1 79.7





#13

Acrolein

Concen: 105.053 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

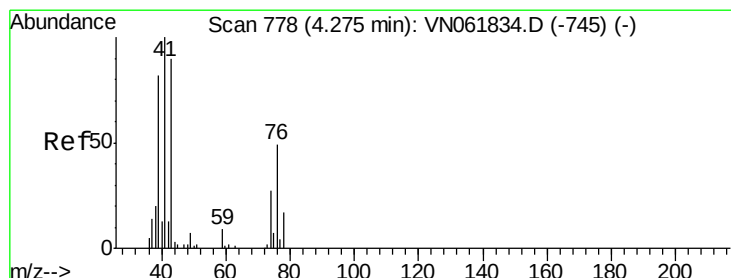
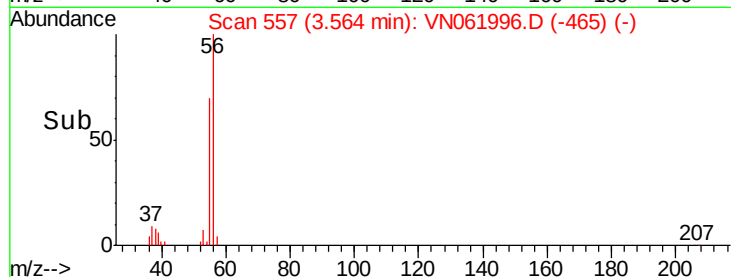
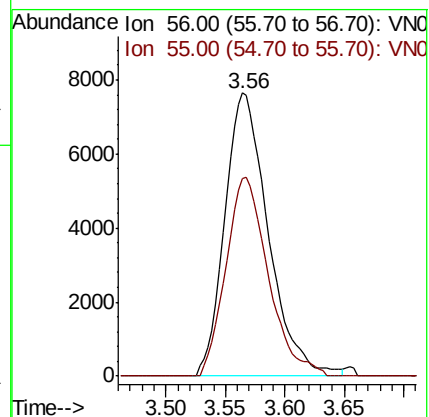
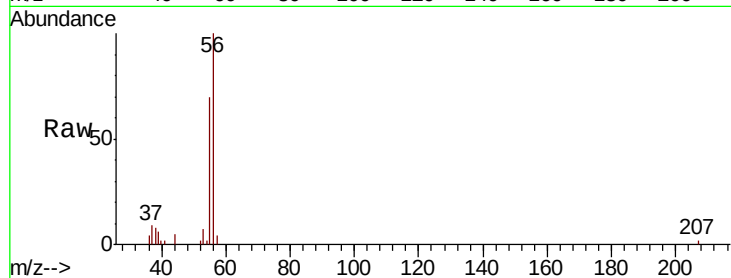
VN0622MBS01

Tot Ion: 56 Resp: 19343

Ion Ratio Lower Upper

56 100

55 68.4 56.2 84.4



#14

Allyl chloride

Concen: 20.908 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

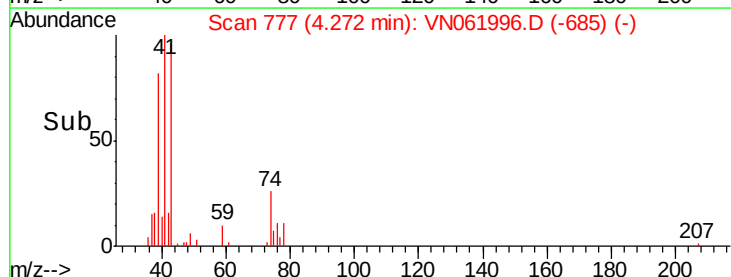
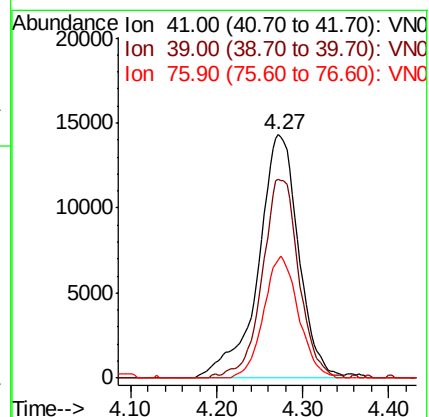
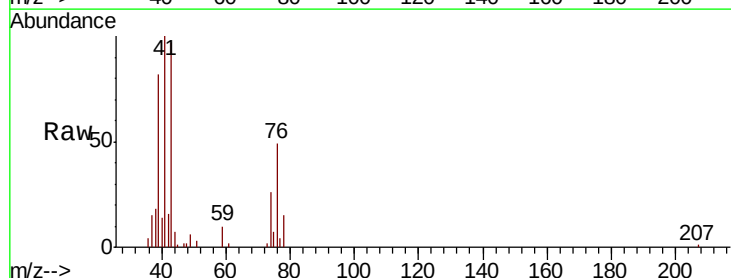
Tgt Ion: 41 Resp: 46803

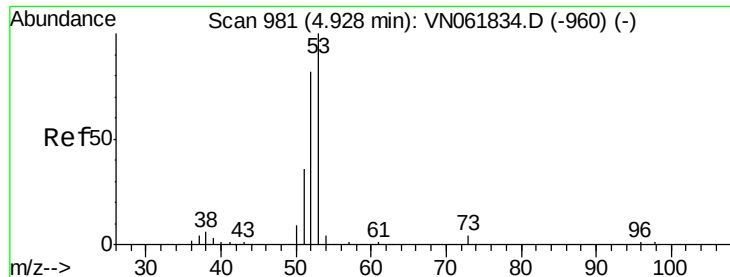
Ion Ratio Lower Upper

41 100

39 73.9 60.2 90.2

76 43.1 36.3 54.5





#15

Acrylonitrile

Concen: 116.455 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

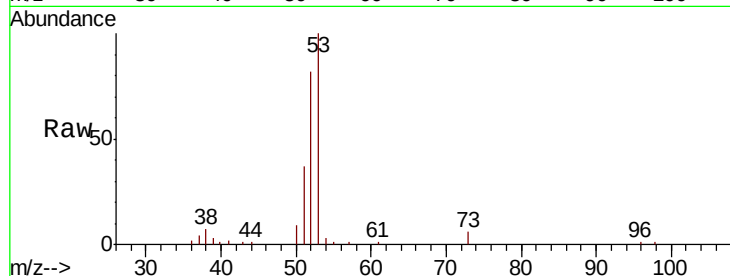
Tot Ion: 53 Resp: 88896

Ion Ratio Lower Upper

53 100

52 82.6 65.2 97.8

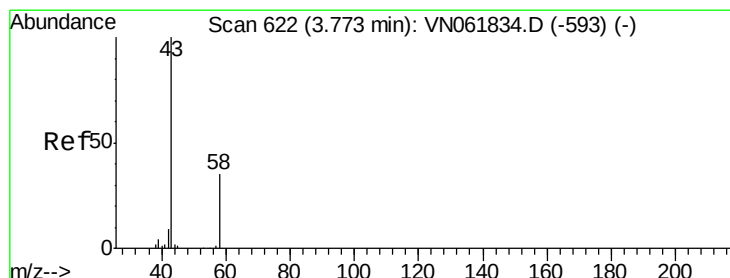
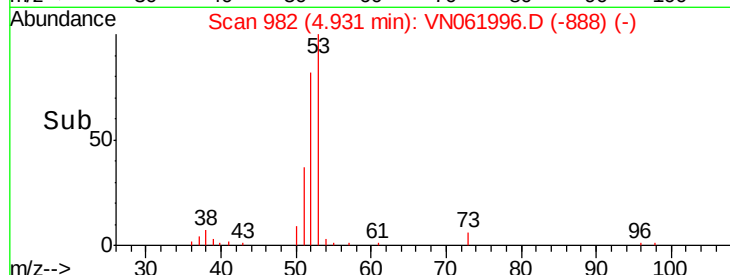
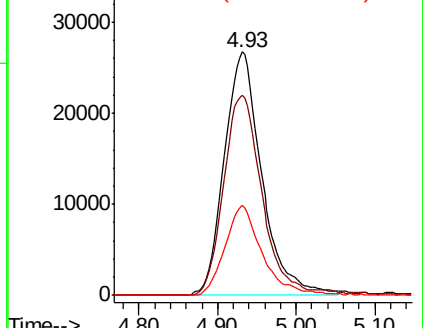
51 36.4 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 109.904 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061996.D

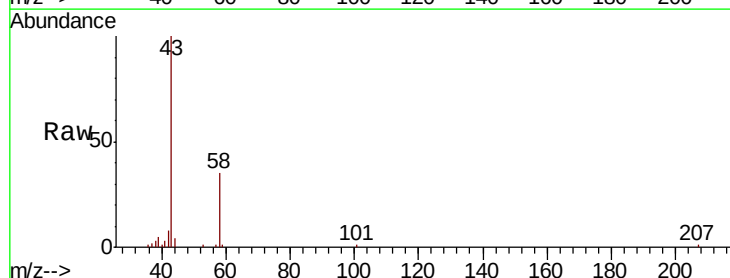
Acq: 22 Jun 2020 13:53

Tgt Ion: 43 Resp: 72273

Ion Ratio Lower Upper

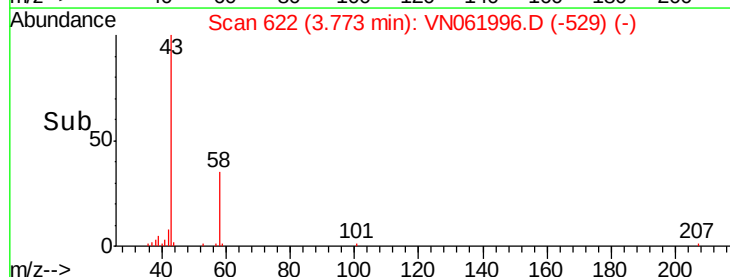
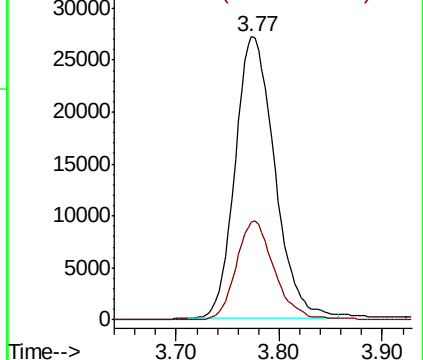
43 100

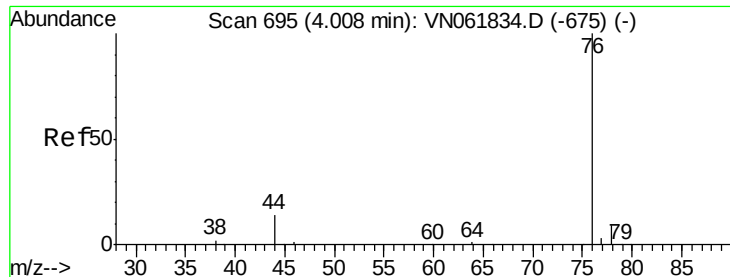
58 34.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

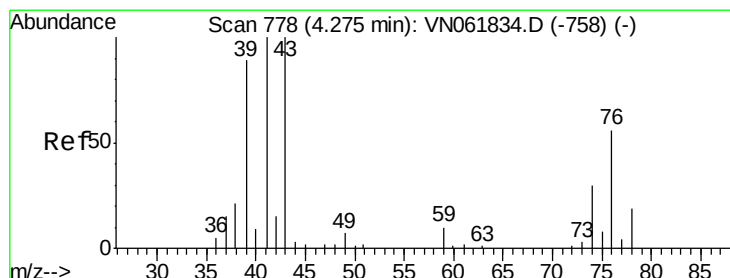
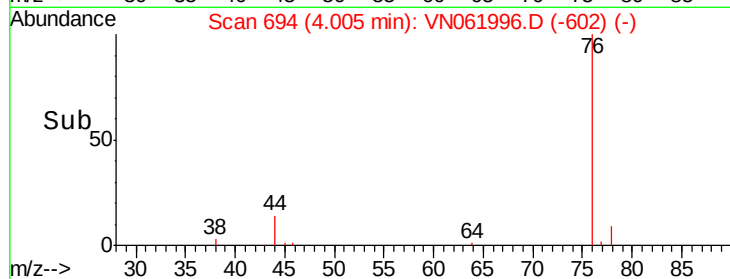
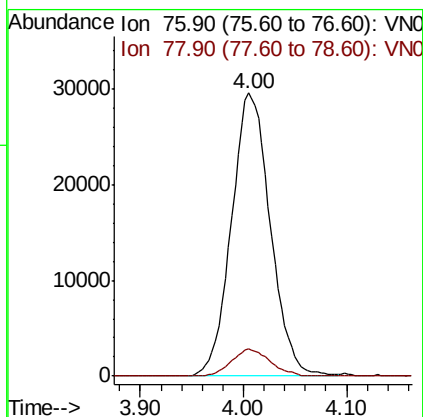
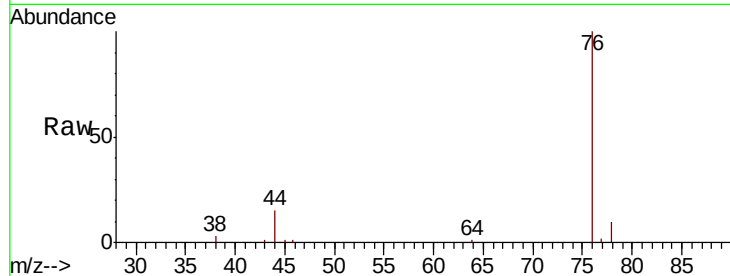




#17
Carbon Disulfide
Concen: 15.731 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

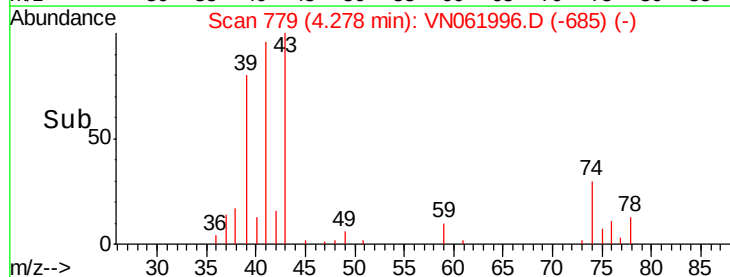
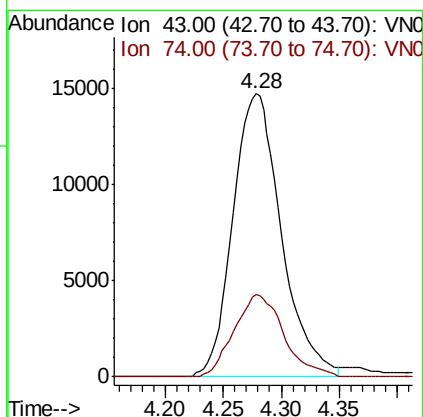
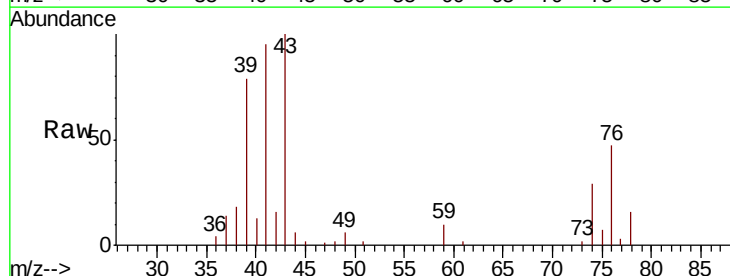
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

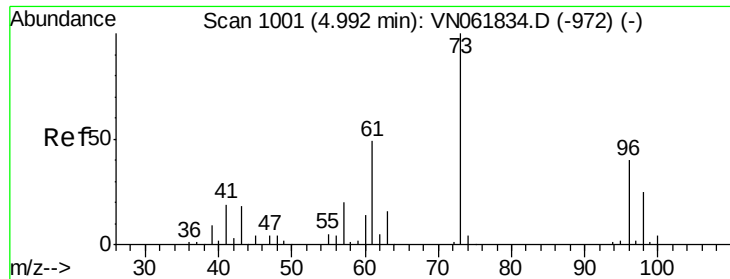
Tot Ion: 76 Resp: 77635
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 22.518 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 43 Resp: 42633
Ion Ratio Lower Upper
43 100
74 29.8 23.0 34.4

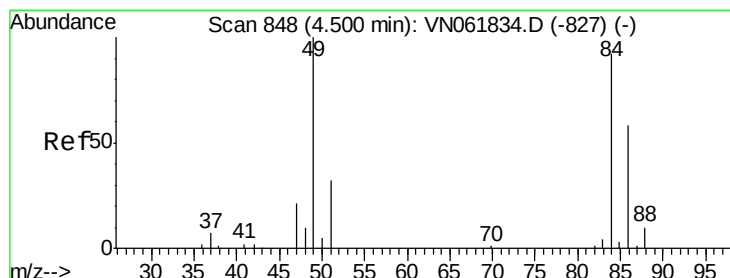
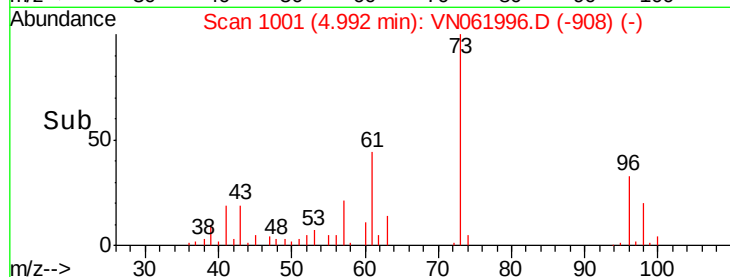
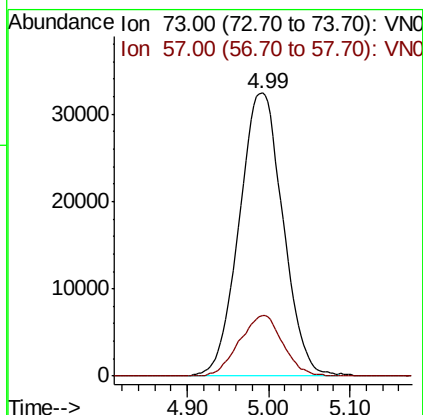
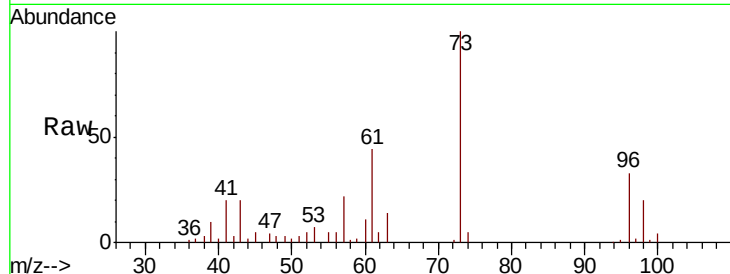




#19
Methyl tert-butyl Ether
Concen: 21.478 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

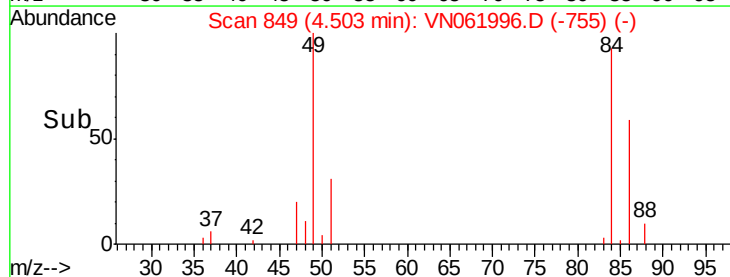
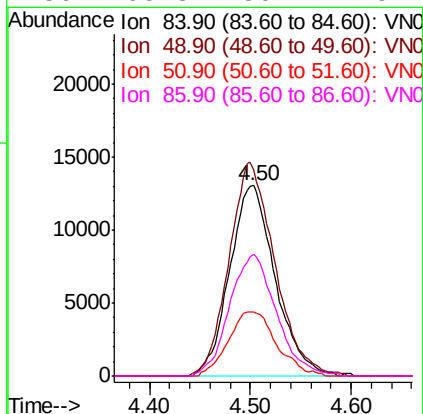
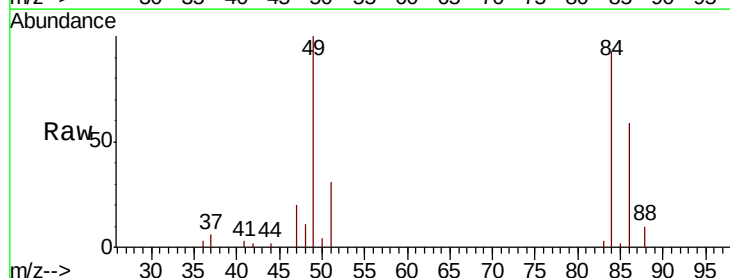
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

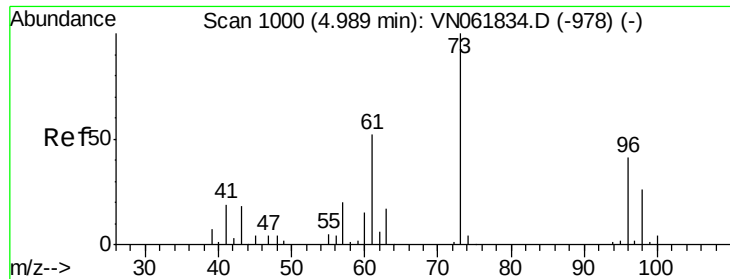
Tot Ion: 73 Resp: 120613
Ion Ratio Lower Upper
73 100
57 21.5 16.2 24.4



#20
Methylene Chloride
Concen: 19.045 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 84 Resp: 40804
Ion Ratio Lower Upper
84 100
49 108.1 87.0 130.4
51 33.7 27.8 41.6
86 63.8 50.2 75.2

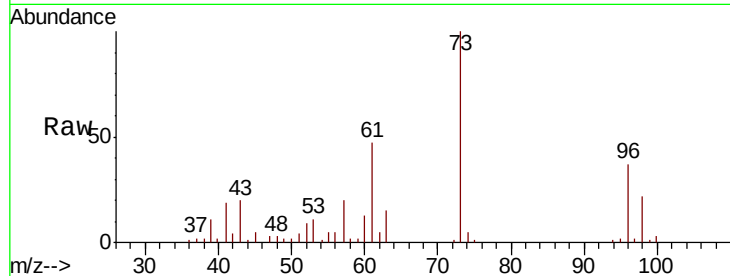




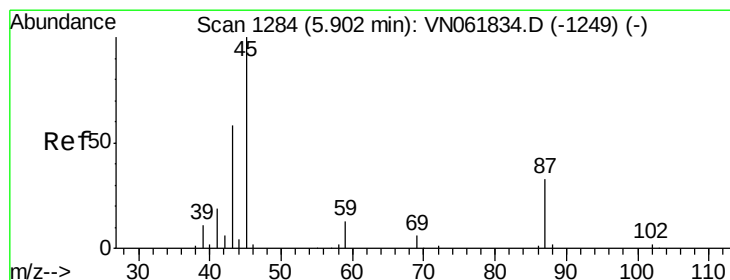
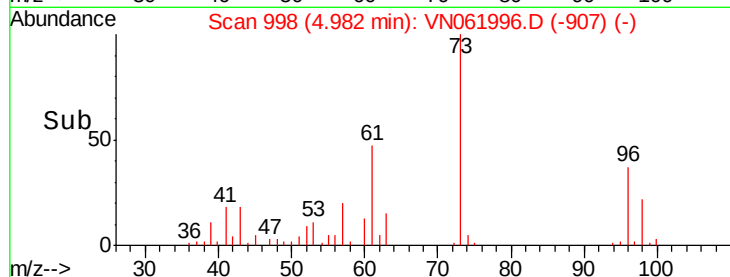
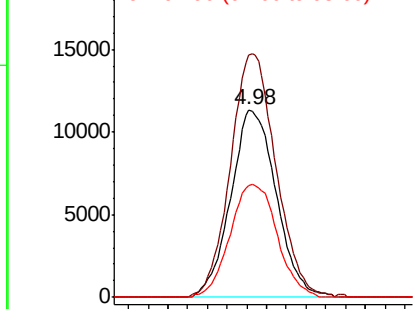
#21
trans-1,2-Dichloroethene
Concen: 18.756 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tot Ion: 96 Resp: 36336
Ion Ratio Lower Upper
96 100
61 129.4 102.2 153.4
98 60.0 51.2 76.8

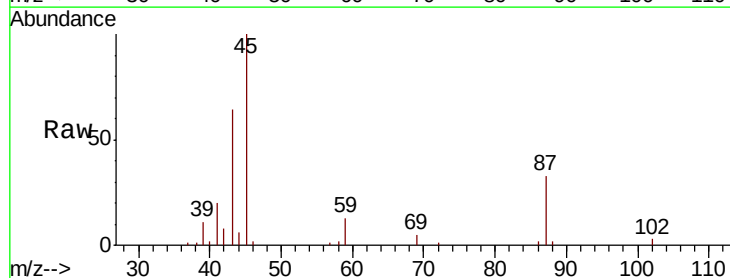


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

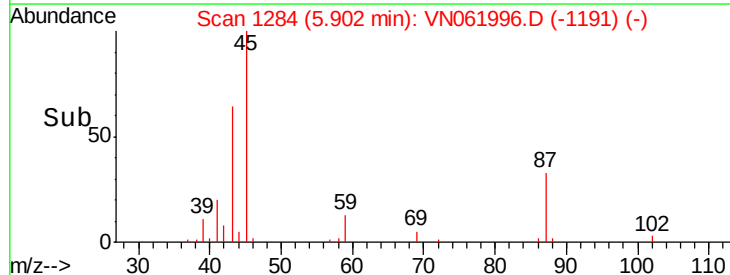
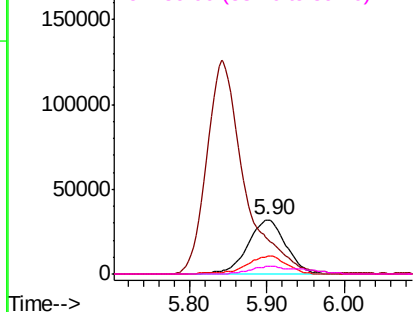


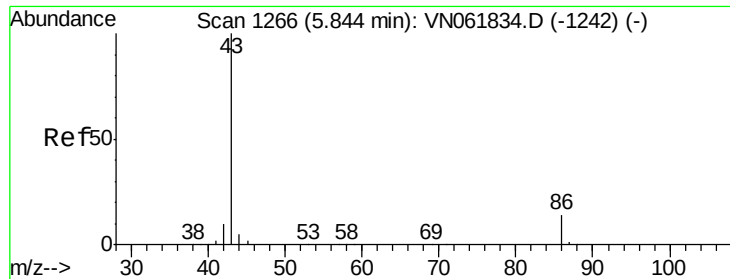
#22
Diisopropyl ether
Concen: 21.346 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 45 Resp: 109283
Ion Ratio Lower Upper
45 100
43 62.2 49.4 74.2
87 32.6 27.4 41.0
59 13.3 10.6 15.8



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

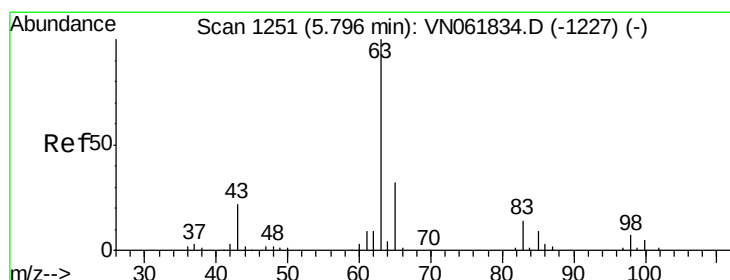
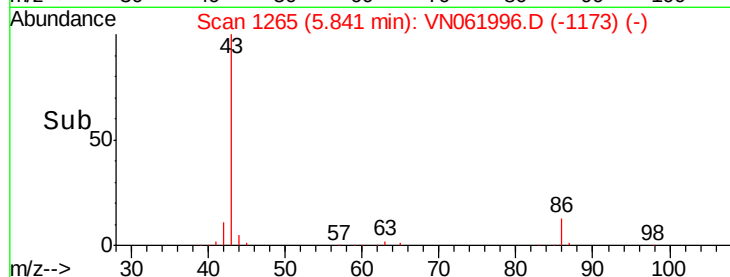
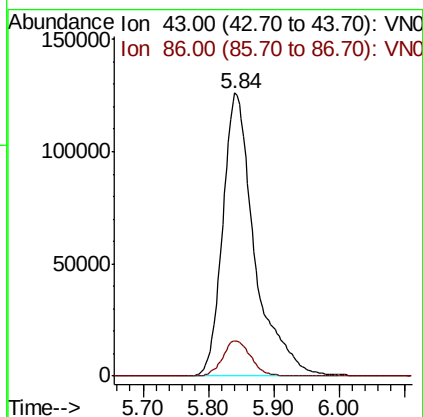
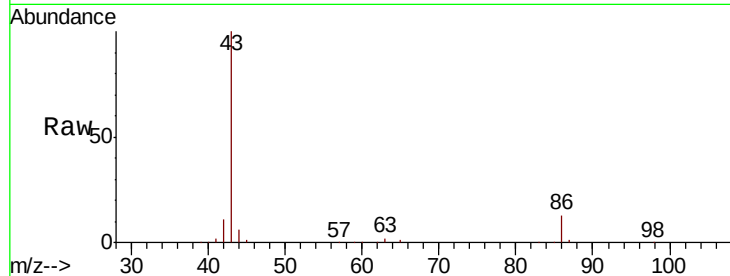




#23
 Vinyl Acetate
 Concen: 106.384 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

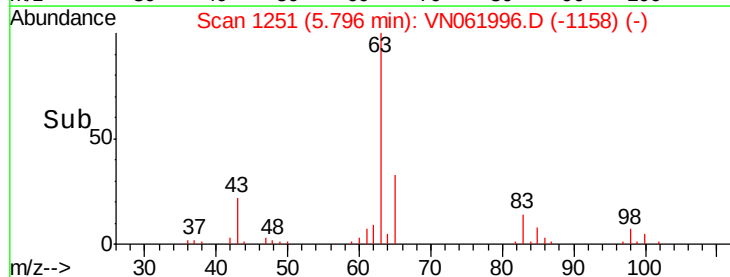
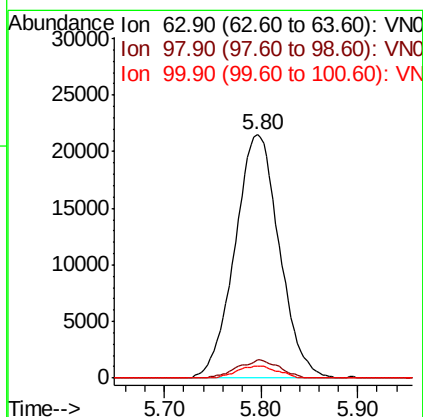
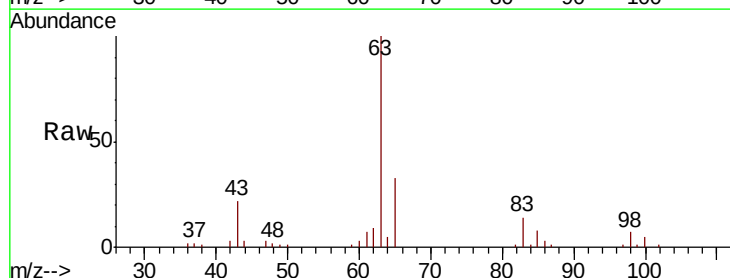
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0622MBS01

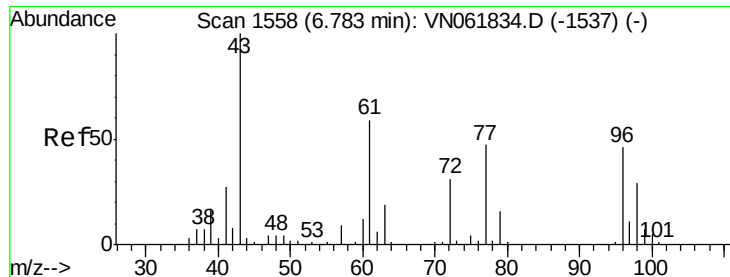
Tot Ion: 43 Resp: 428362
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 20.465 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion: 63 Resp: 68584
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 5.1 2.5 7.4





#25

2-Butanone

Concen: 114.688 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

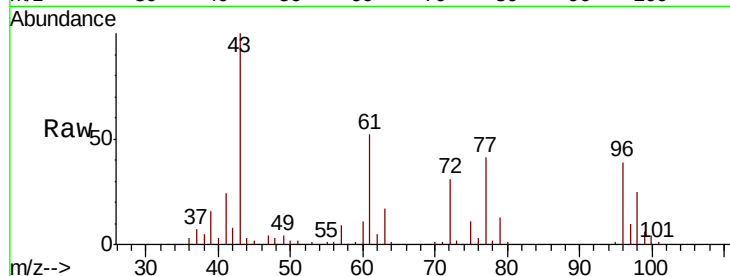
VN0622MBS01

Tot Ion: 43 Resp: 110037

Ion Ratio Lower Upper

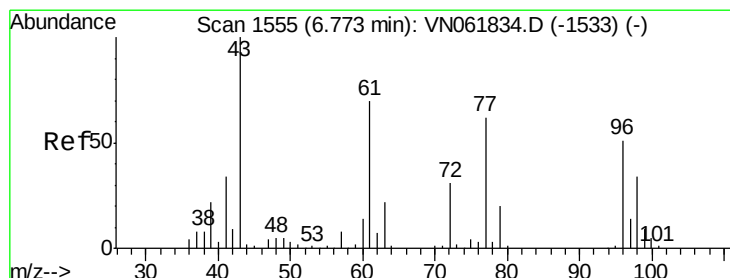
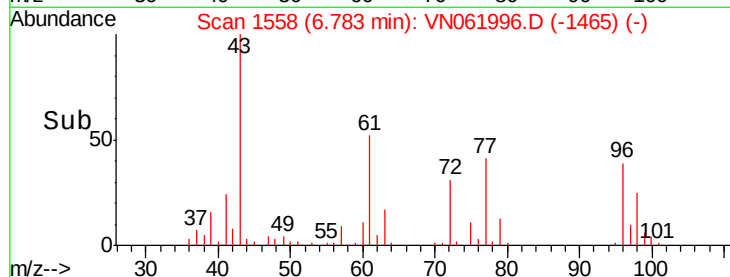
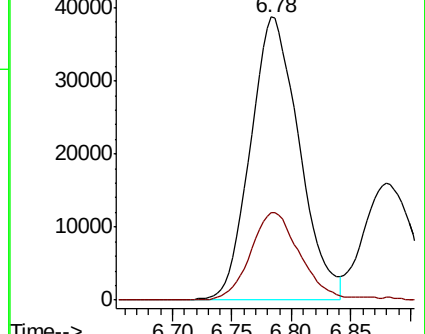
43 100

72 30.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN061834.D (-1537) (-)



#26

2,2-Dichloropropane

Concen: 20.261 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN061996.D

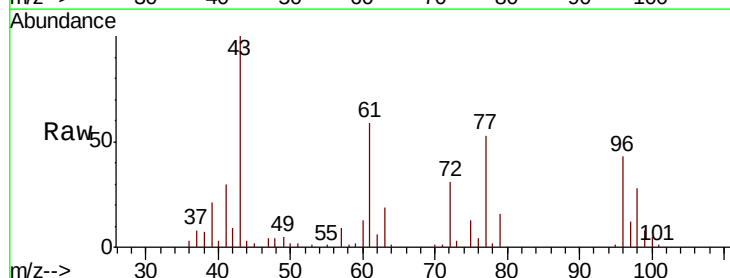
Acq: 22 Jun 2020 13:53

Tgt Ion: 77 Resp: 57127

Ion Ratio Lower Upper

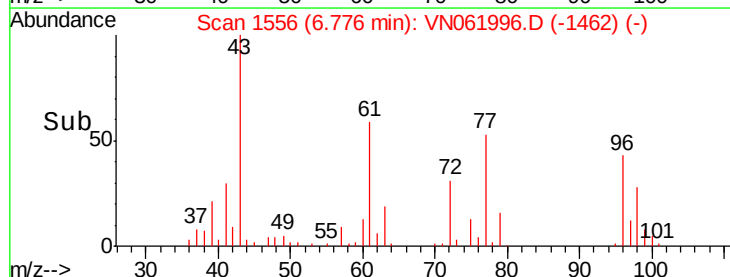
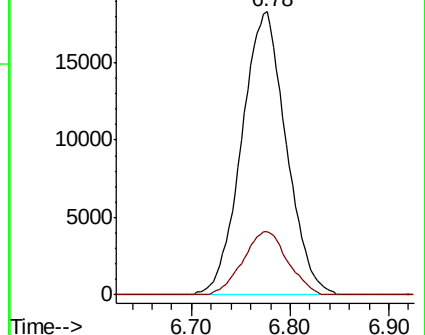
77 100

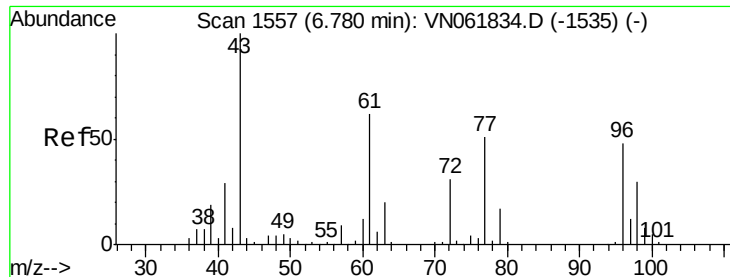
97 22.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061996.D (-1462) (-)

Ion 96.90 (96.60 to 97.60): VN061996.D (-1462) (-)





#27

cis-1,2-Dichloroethene

Concen: 19.490 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampled :

VN0622MBS01

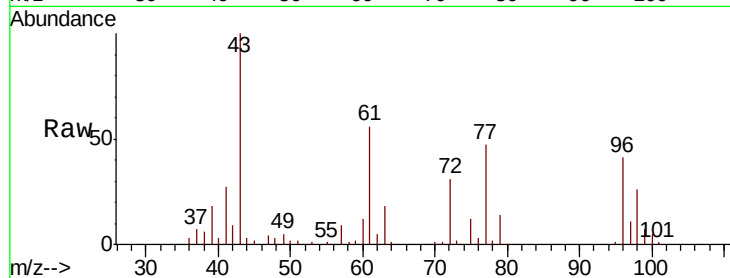
Tot Ion: 96 Resp: 43566

Ion Ratio Lower Upper

96 100

61 137.1 0.0 265.6

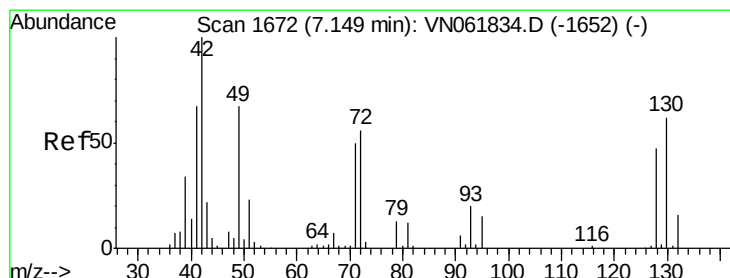
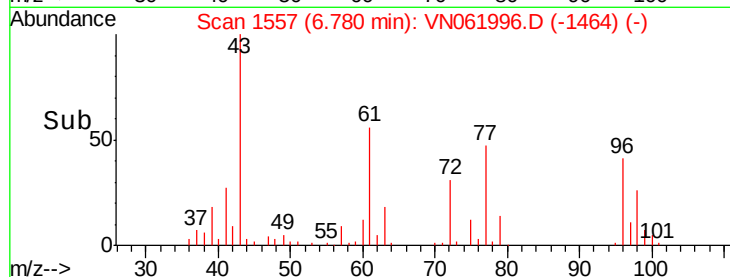
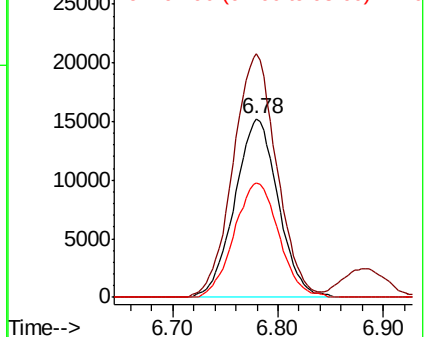
98 65.9 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#28

Bromochloromethane

Concen: 21.901 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

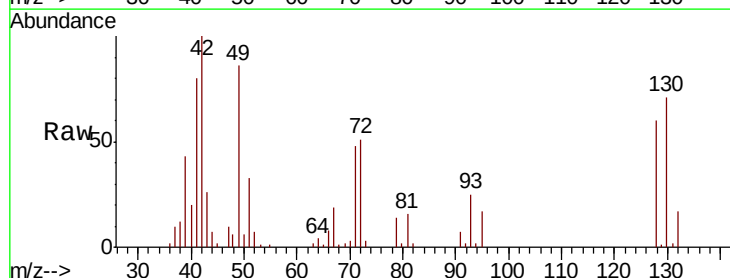
Tgt Ion: 49 Resp: 32681

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.0

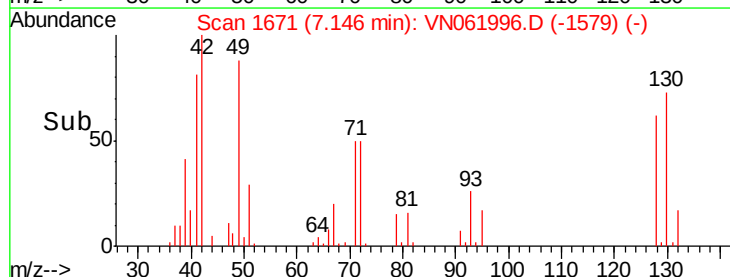
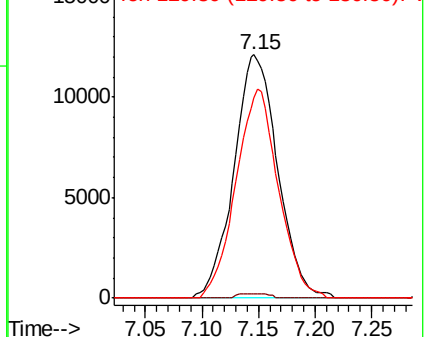
130 83.3 72.2 108.2

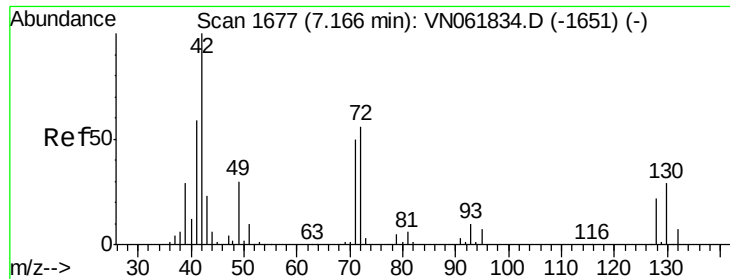


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN061834.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN061834.D (-1652) (-)

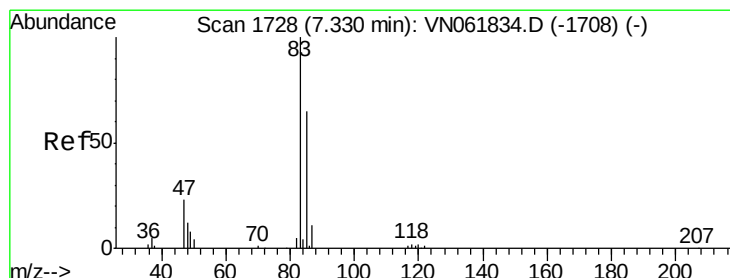
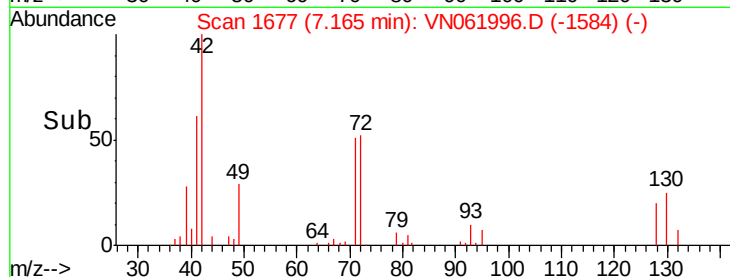
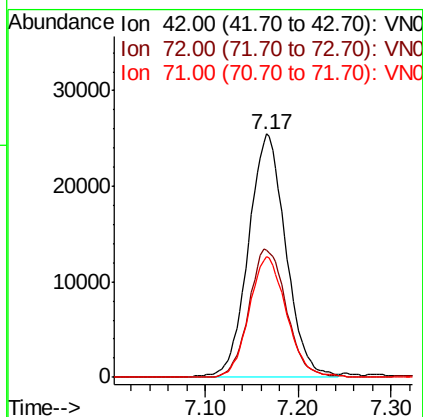
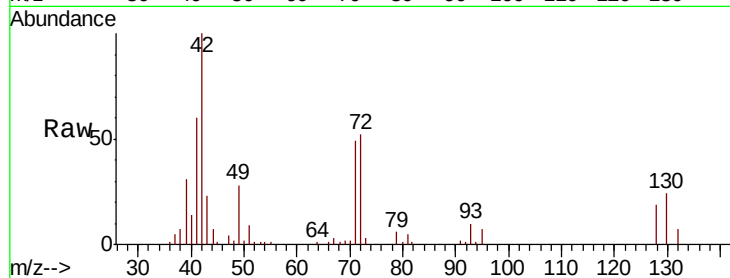




#29
Tetrahydrofuran
Concen: 113.420 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

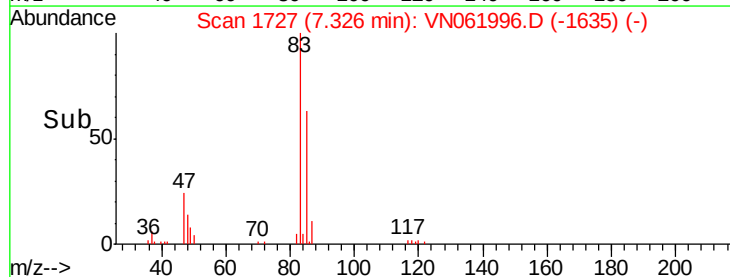
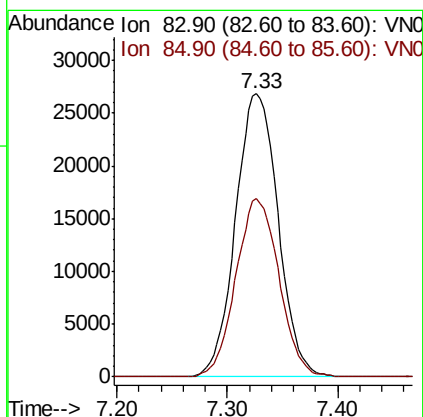
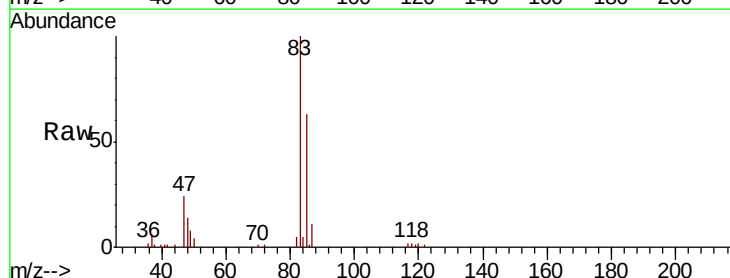
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

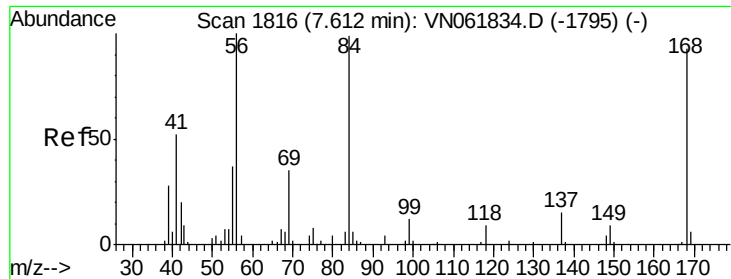
Tot Ion: 42 Resp: 71615
Ion Ratio Lower Upper
42 100
72 52.6 44.0 66.0
71 49.2 40.0 60.0



#30
Chloroform
Concen: 20.027 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 83 Resp: 71732
Ion Ratio Lower Upper
83 100
85 63.0 52.0 78.0

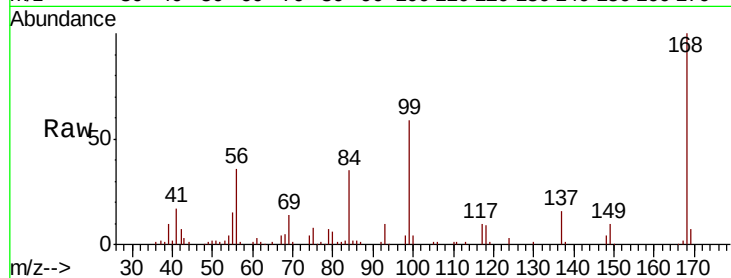




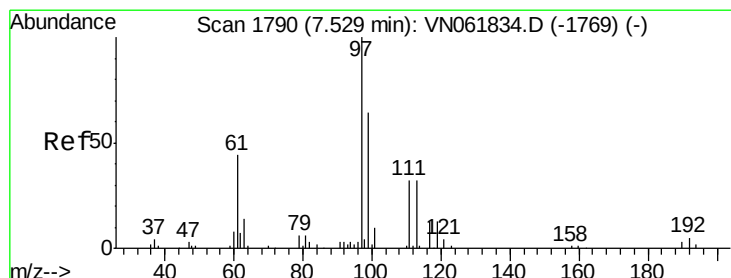
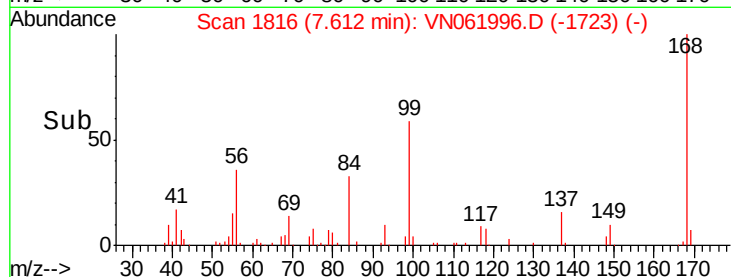
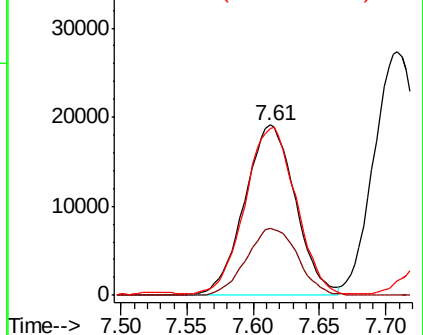
#31
Cyclohexane
Concen: 17.409 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tot Ion: 56 Resp: 51075
Ion Ratio Lower Upper
56 100
69 39.1 27.7 41.5
84 96.8 79.1 118.7

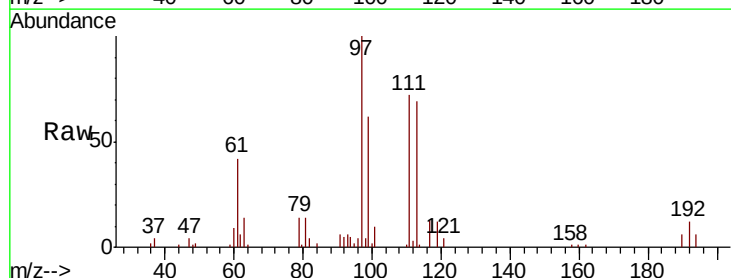


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

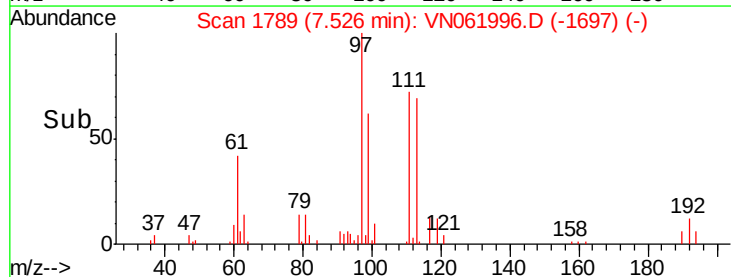
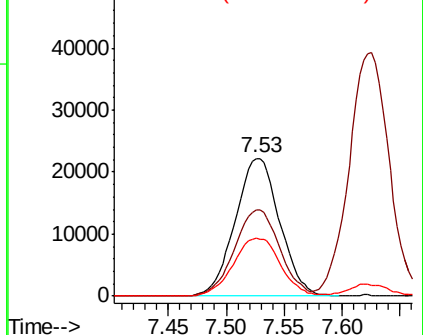


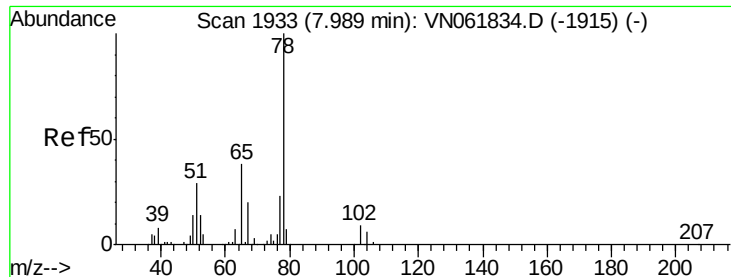
#32
1,1,1-Trichloroethane
Concen: 19.465 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 97 Resp: 59373
Ion Ratio Lower Upper
97 100
99 63.4 51.5 77.3
61 44.5 35.1 52.7



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

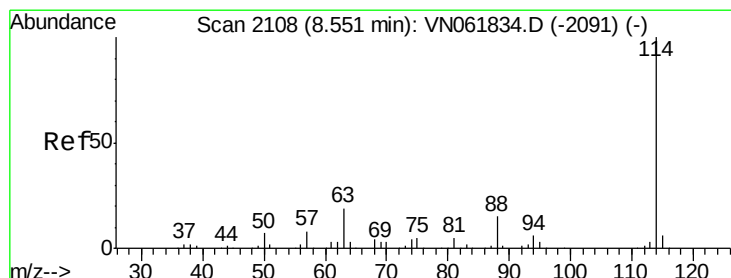
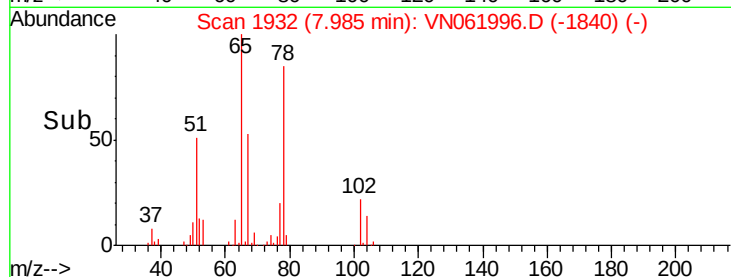
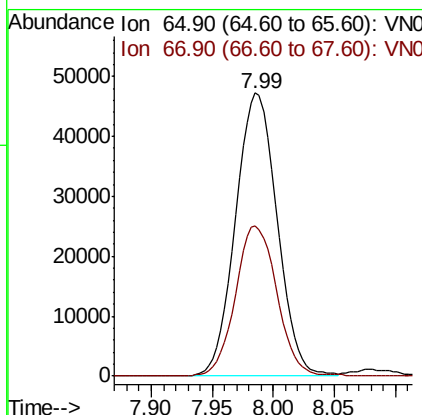
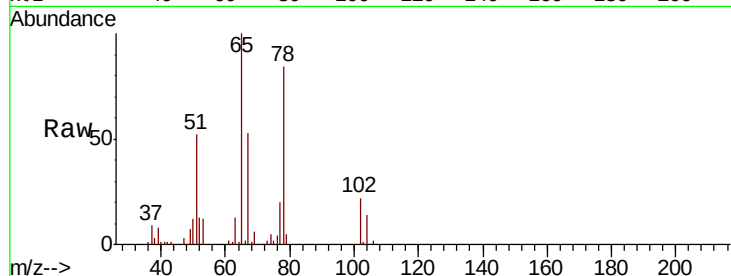




#33
 1,2-Dichloroethane-d4
 Concen: 50.134 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

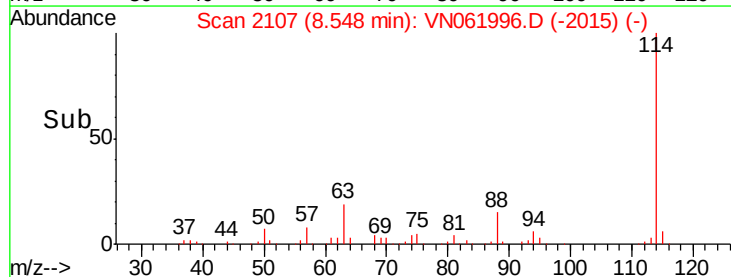
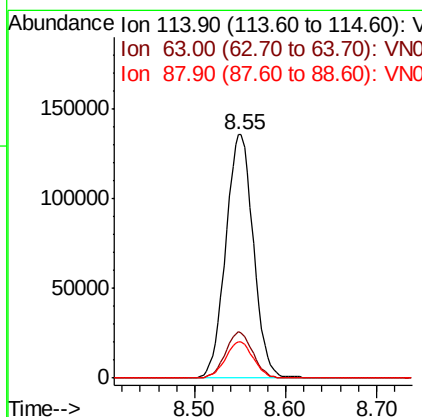
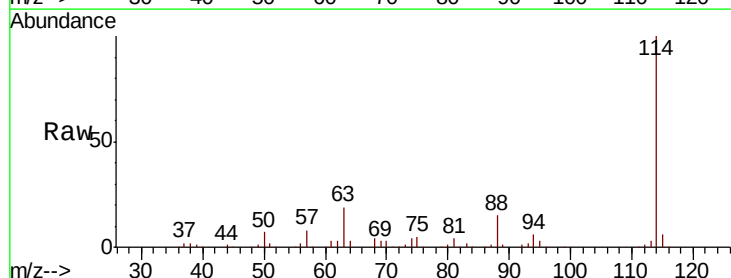
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

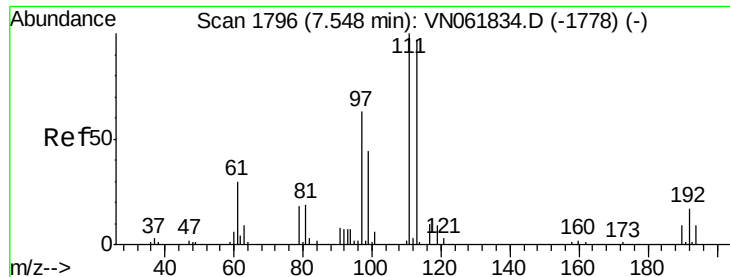
Tot Ion: 65 Resp: 111613
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion: 114 Resp: 285923
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.1 0.0 31.0

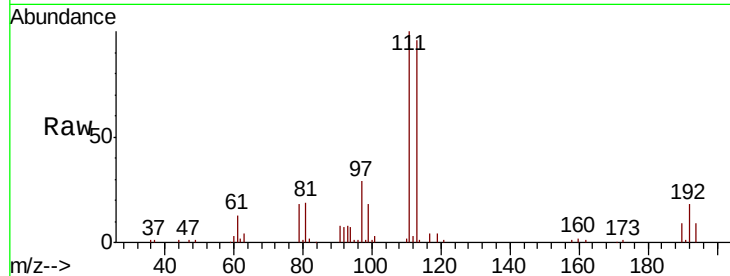




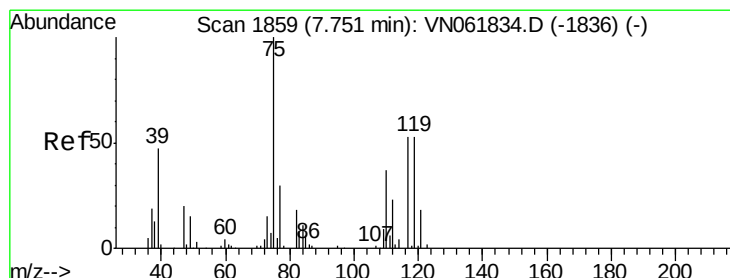
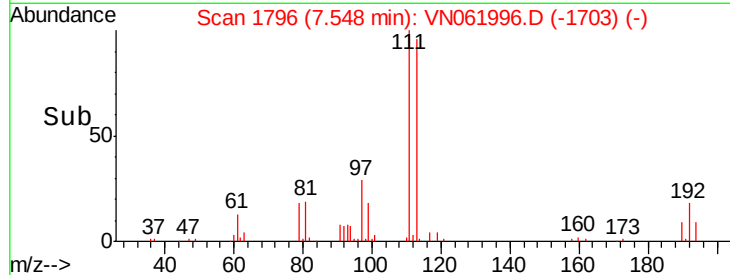
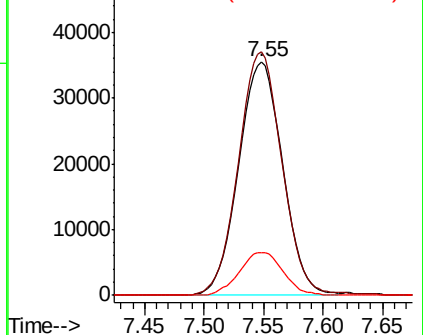
#35
 Dibromofluoromethane
 Concen: 49.832 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.7	125.5
192	18.2	13.9	20.9

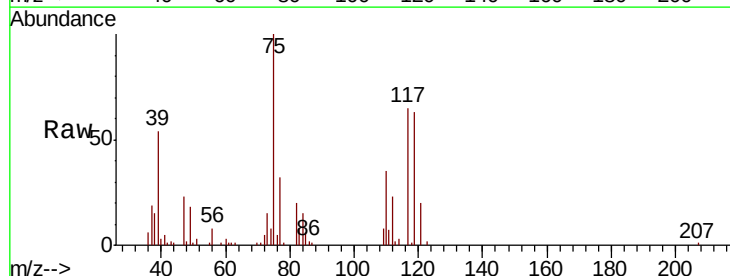


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

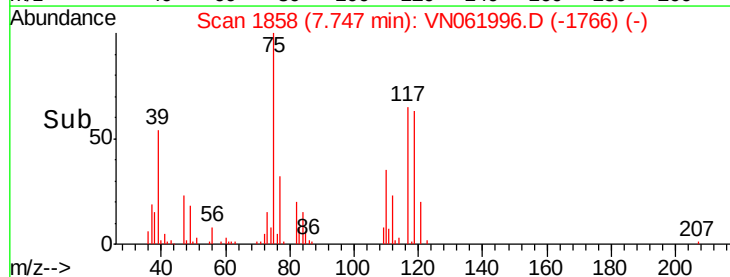
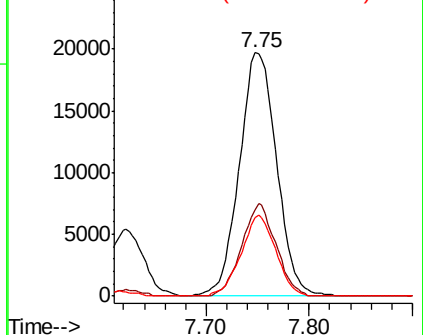


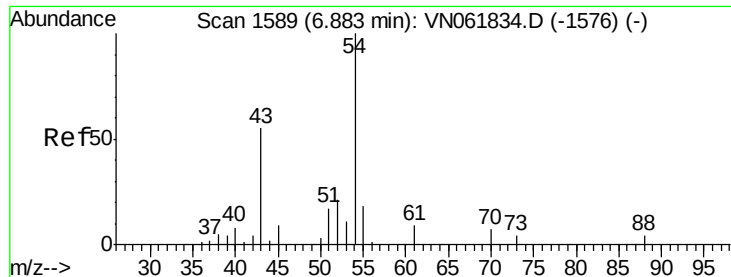
#36
 1,1-Dichloropropene
 Concen: 19.021 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	18.2	54.6
77	30.7	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

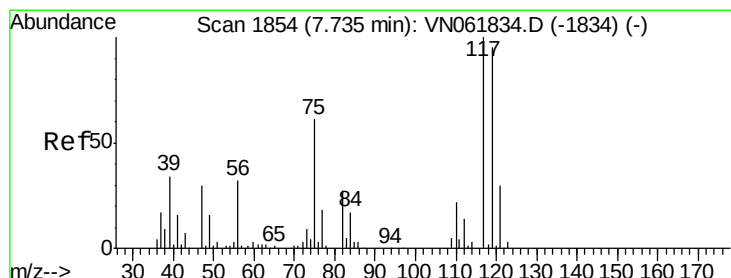
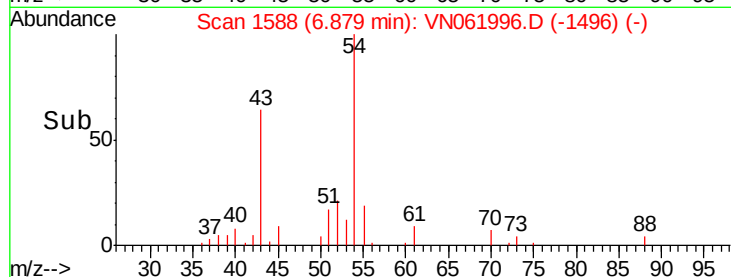
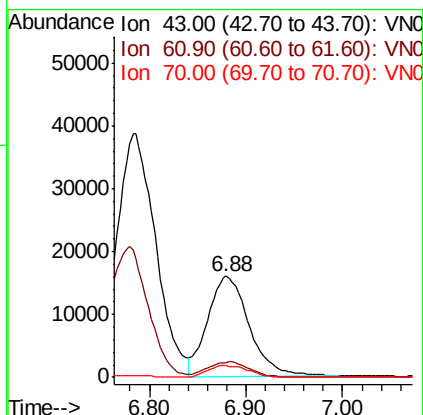
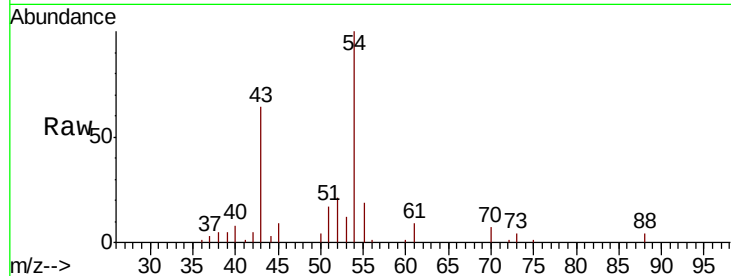




#37
Ethyl Acetate
Concen: 23.288 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

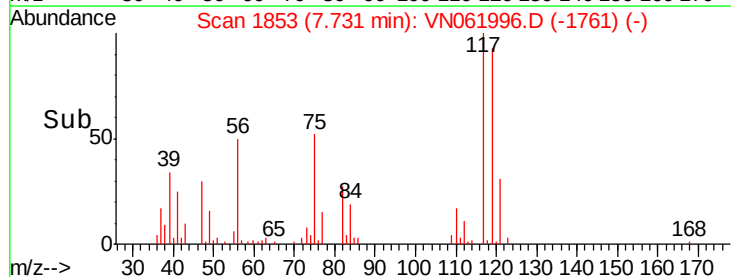
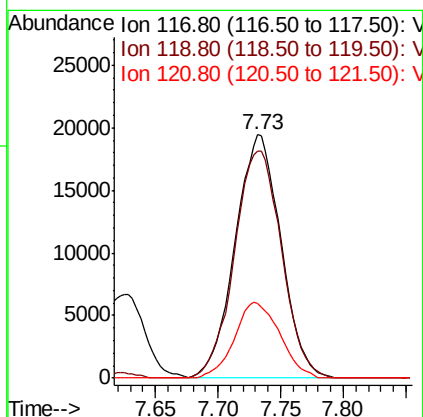
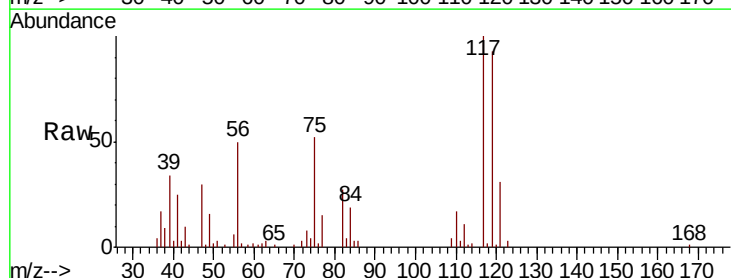
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

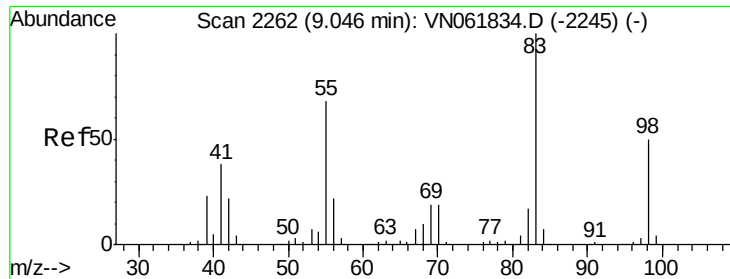
Tot Ion: 43 Resp: 47426
Ion Ratio Lower Upper
43 100
61 15.6 13.0 19.4
70 11.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.094 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 117 Resp: 49312
Ion Ratio Lower Upper
117 100
119 93.1 75.8 113.6
121 30.8 23.8 35.6

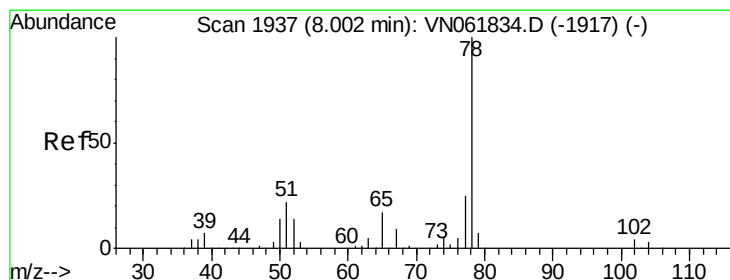
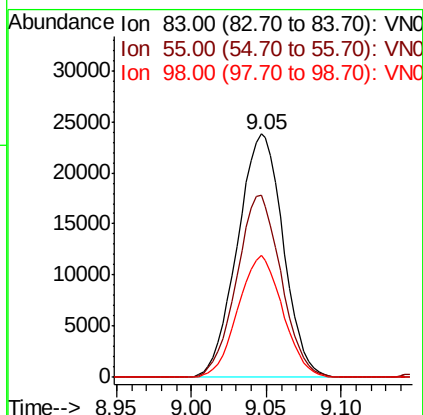
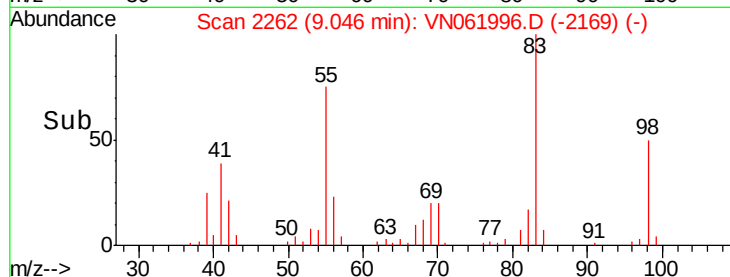
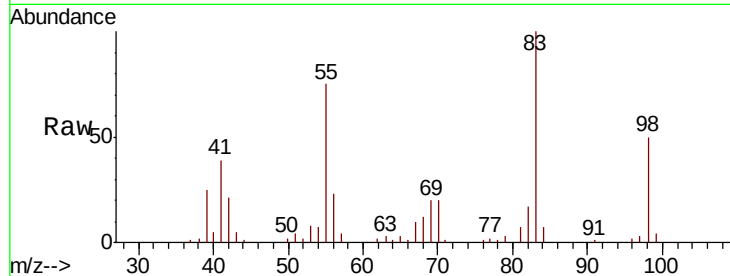




#39
Methvlcvclohexane
Concen: 18.029 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

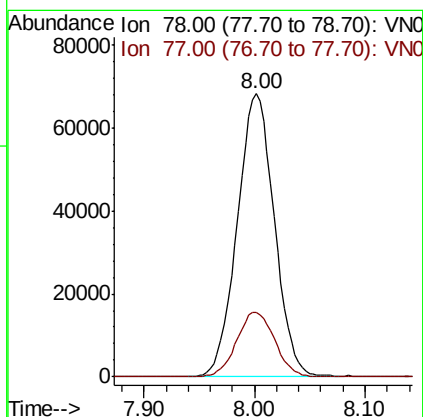
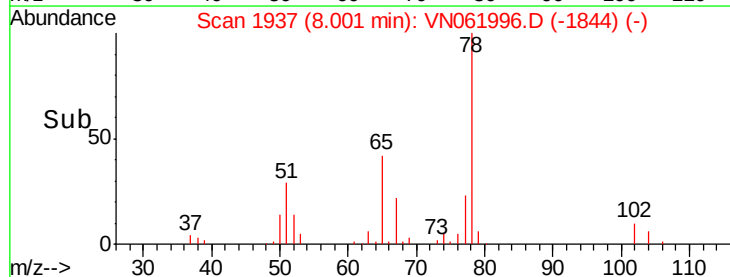
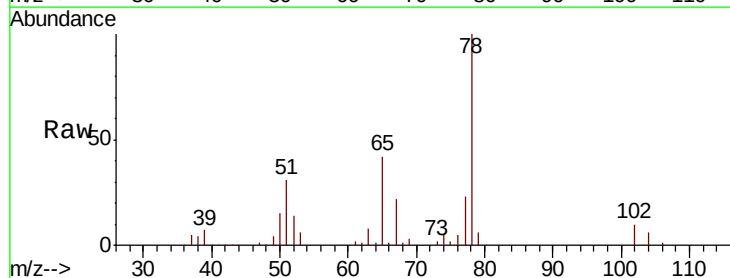
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

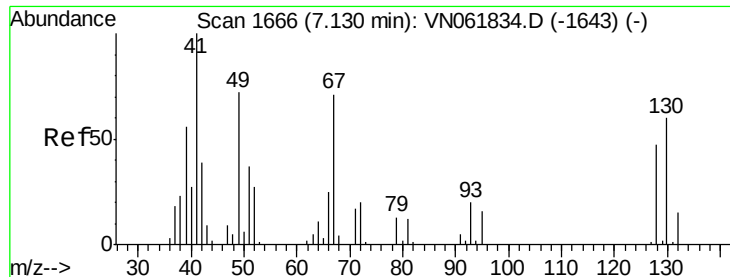
Tot Ion: 83 Resp: 50629
Ion Ratio Lower Upper
83 100
55 74.9 54.2 81.4
98 49.9 39.8 59.6



#40
Benzene
Concen: 20.138 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 78 Resp: 159090
Ion Ratio Lower Upper
78 100
77 22.6 19.7 29.5

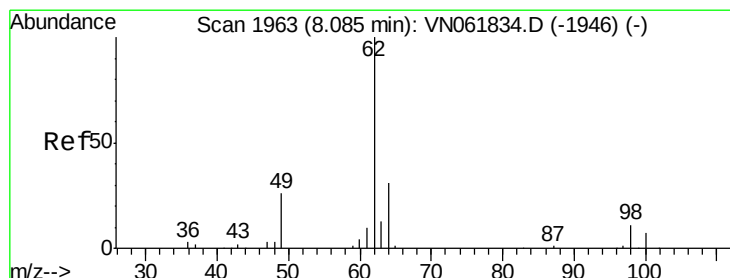
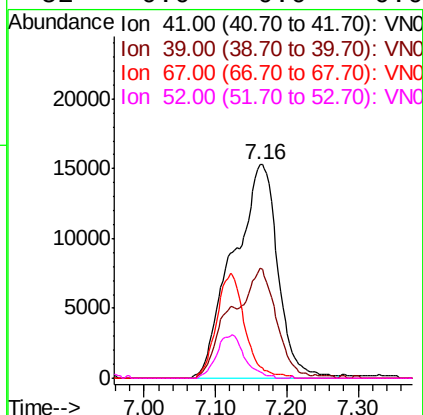
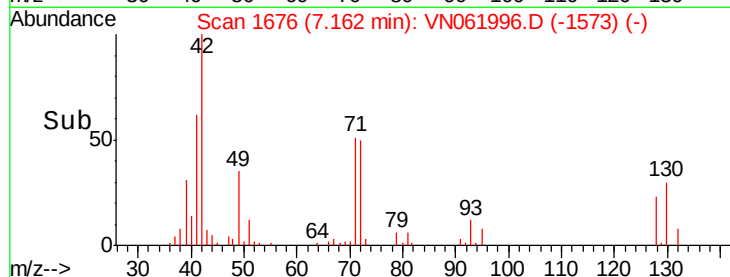
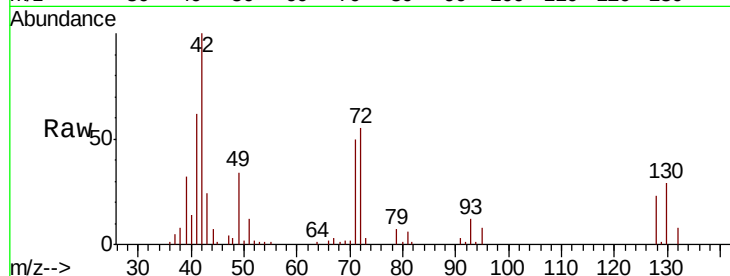




#41
Methacrylonitrile
Concen: 76.450 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

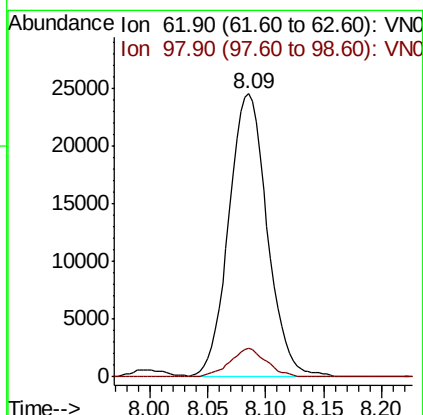
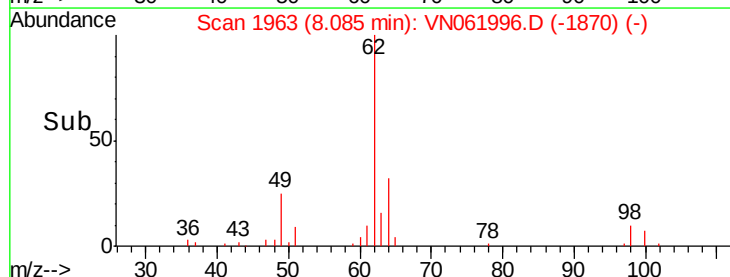
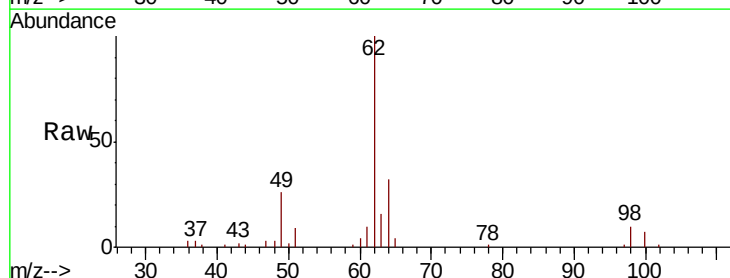
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

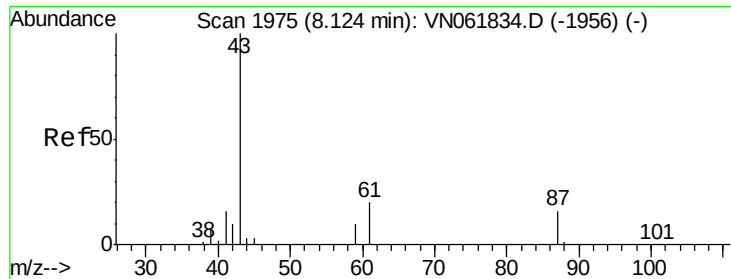
Tot Ion: 41 Resp: 66577
Ion Ratio Lower Upper
41 100
39 29.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.012 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 62 Resp: 56599
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 22.301 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

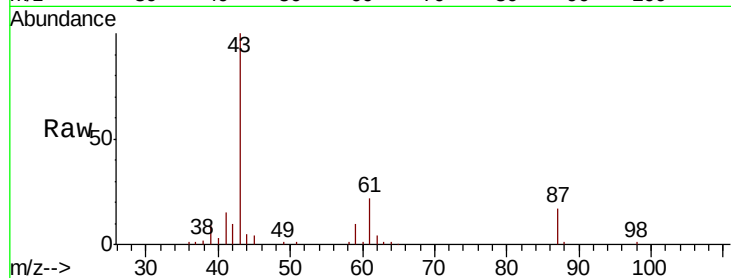
Tot Ion: 43 Resp: 76539

Ion Ratio Lower Upper

43 100

61 29.5 24.0 36.0

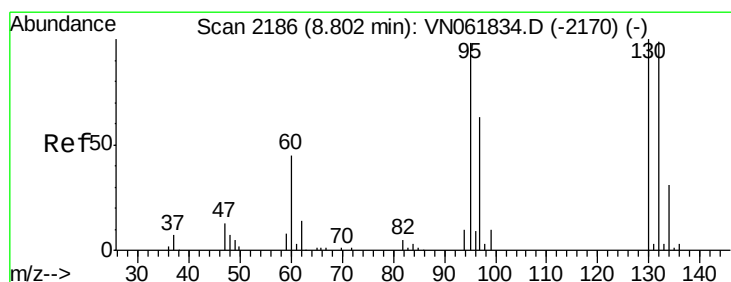
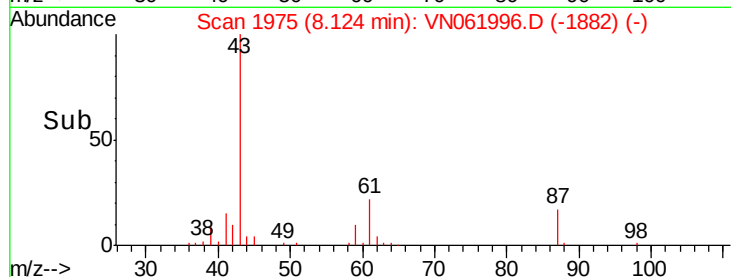
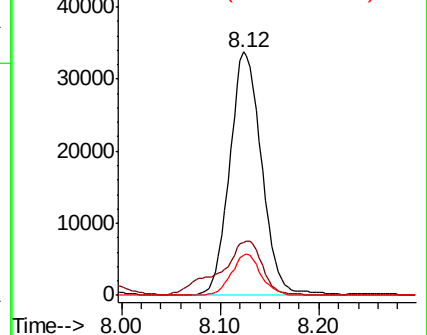
87 15.4 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 19.316 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061996.D

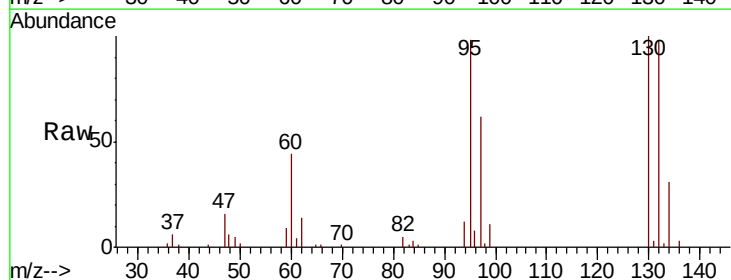
Acq: 22 Jun 2020 13:53

Tgt Ion:130 Resp: 40159

Ion Ratio Lower Upper

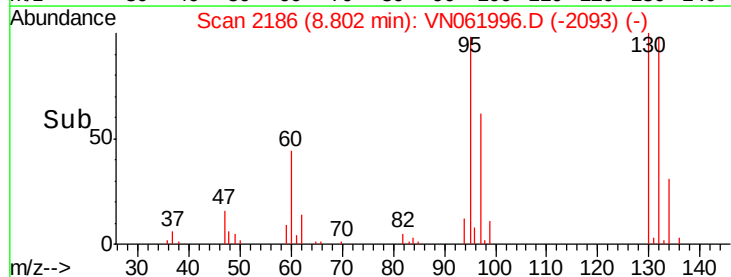
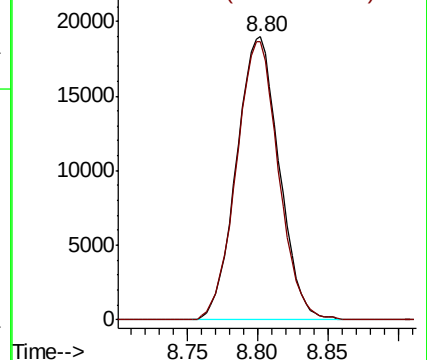
130 100

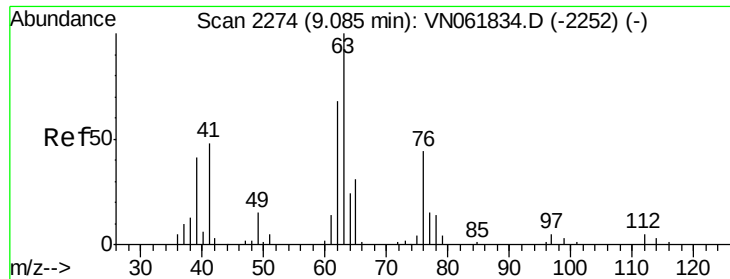
95 98.4 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

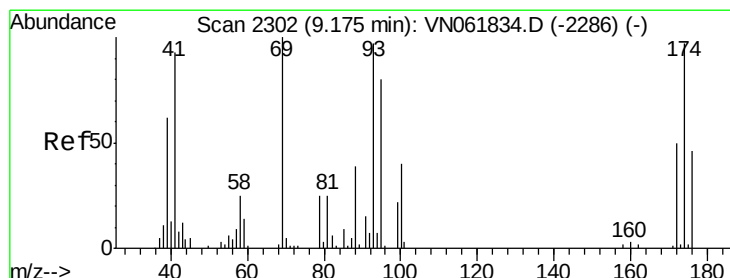
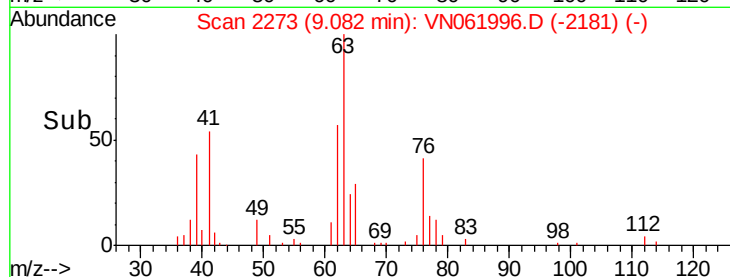
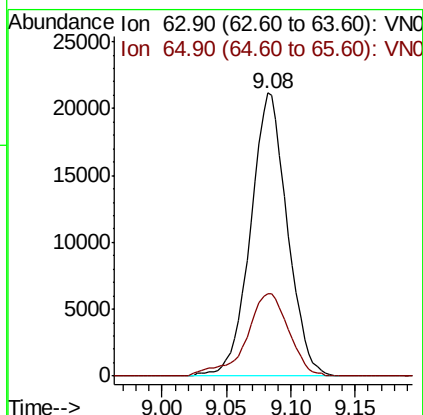
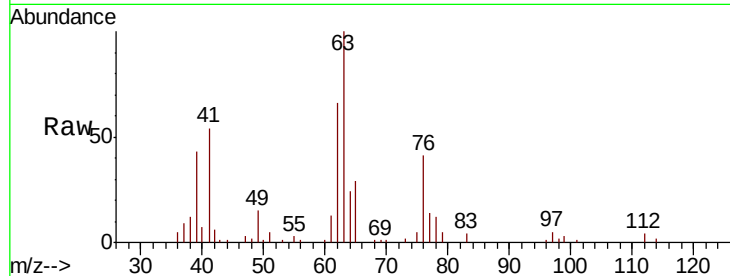




#45
 1,2-Dichloropropane
 Concen: 21.659 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

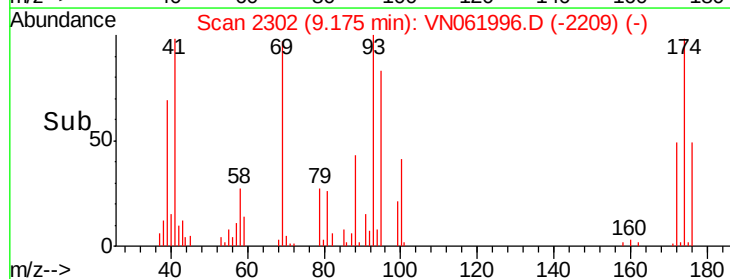
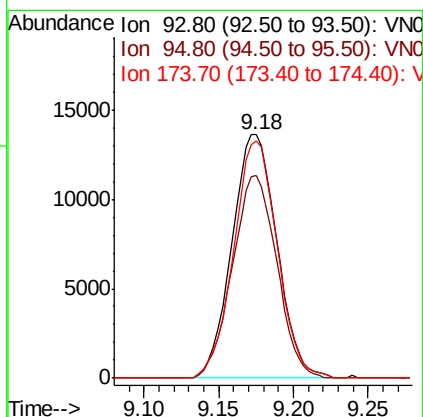
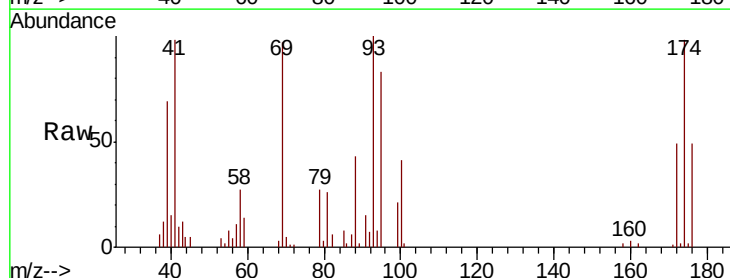
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

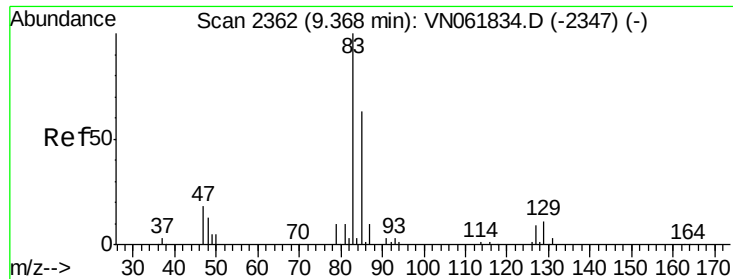
Tot Ion: 63 Resp: 42050
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.1 37.7



#46
 Dibromomethane
 Concen: 20.832 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion: 93 Resp: 28480
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.6
 174 94.7 78.5 117.7

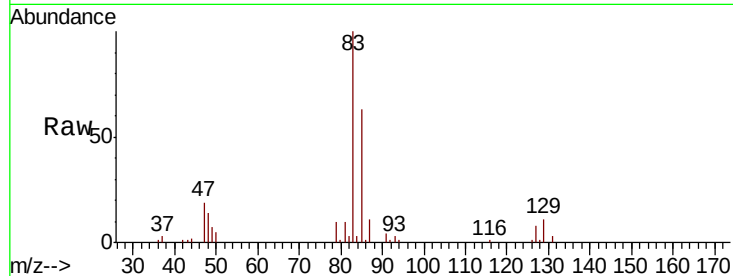




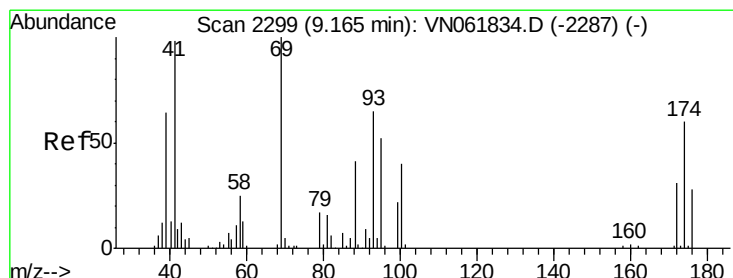
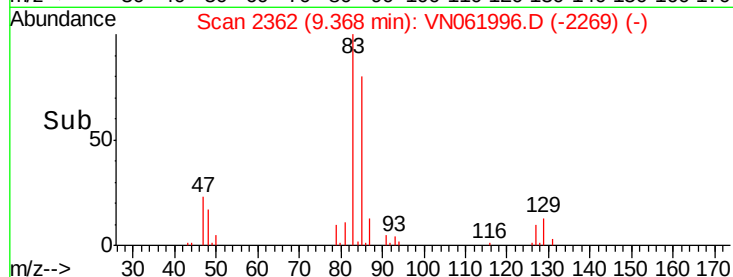
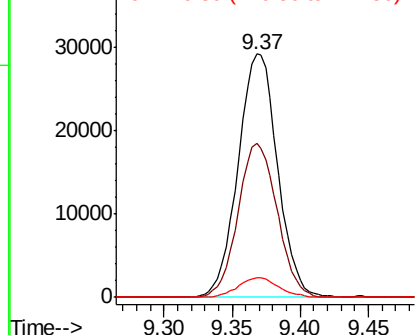
#47
Bromodichloromethane
Concen: 20.961 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tot Ion: 83 Resp: 58680
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 7.8 7.0 10.4

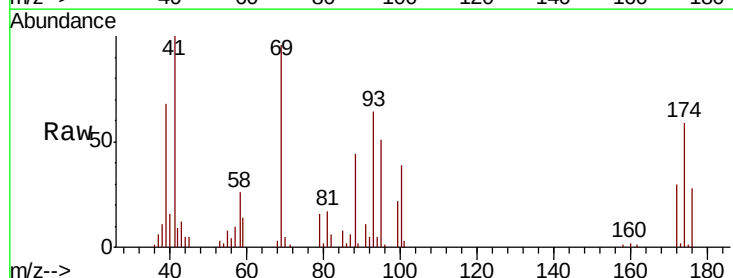


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

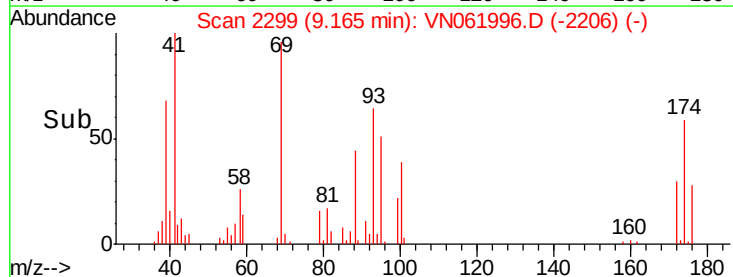
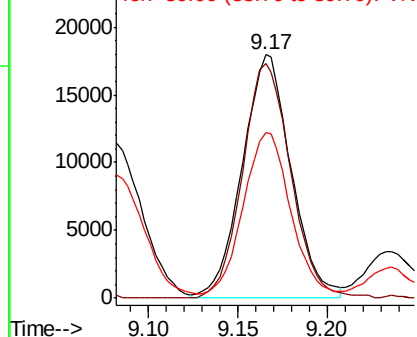


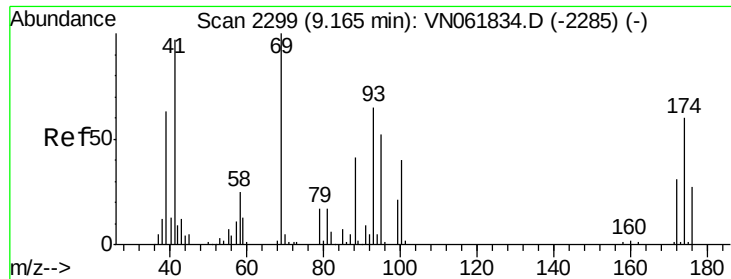
#48
Methyl methacrylate
Concen: 22.049 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 41 Resp: 34413
Ion Ratio Lower Upper
41 100
69 95.1 83.0 124.4
39 65.9 55.1 82.7



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





#49

1,4-Dioxane

Concen: 451.142 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

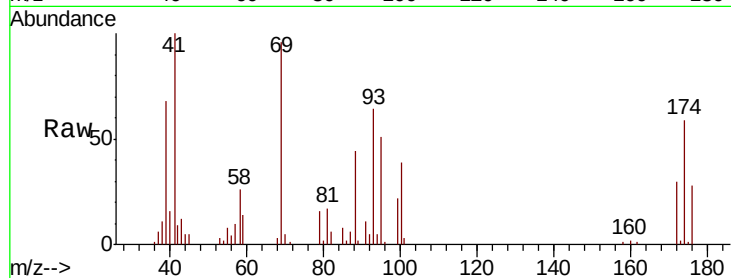
Tot Ion: 88 Resp: 16166

Ion Ratio Lower Upper

88 100

43 28.6 23.4 35.2

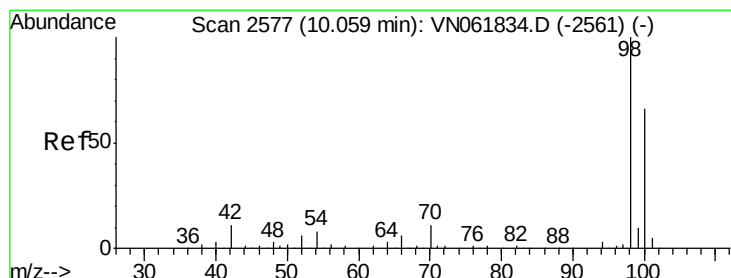
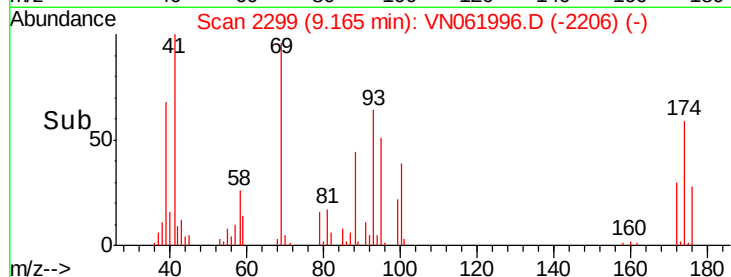
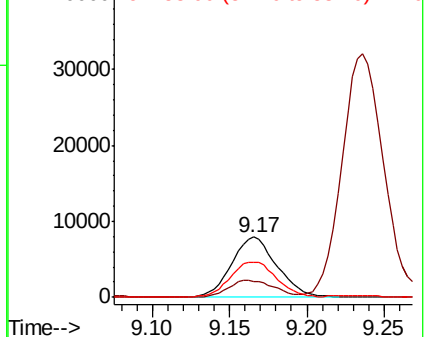
58 59.6 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 48.894 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061996.D

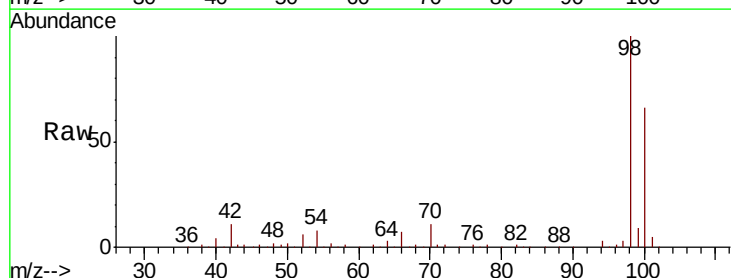
Acq: 22 Jun 2020 13:53

Tgt Ion: 98 Resp: 351607

Ion Ratio Lower Upper

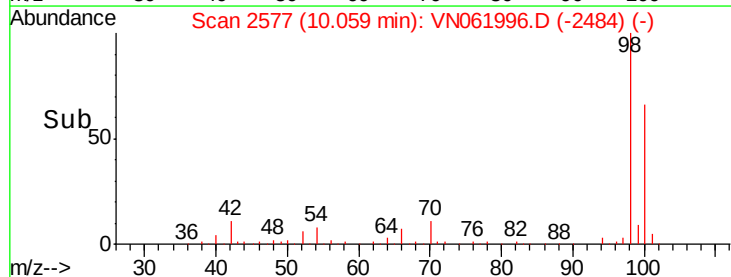
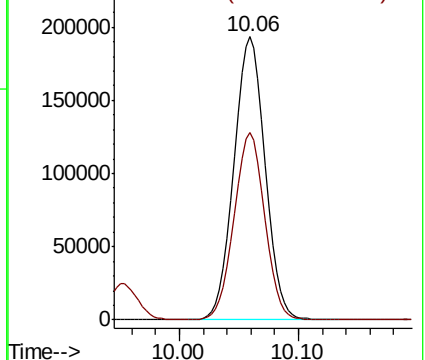
98 100

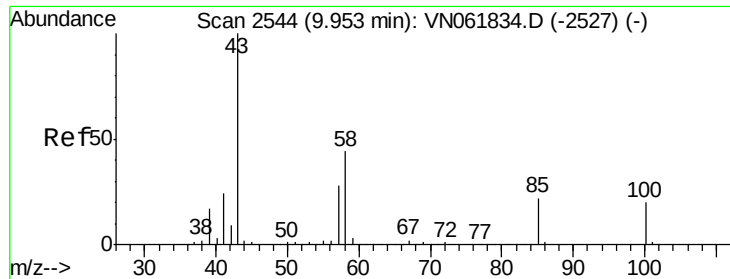
100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 114.509 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampled :

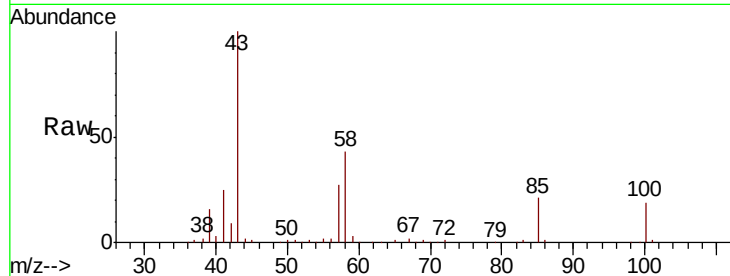
VN0622MBS01

Tot Ion: 43 Resp: 232238

Ion Ratio Lower Upper

43 100

58 42.5 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

150000

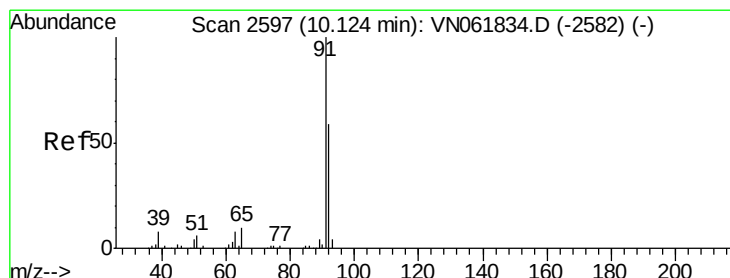
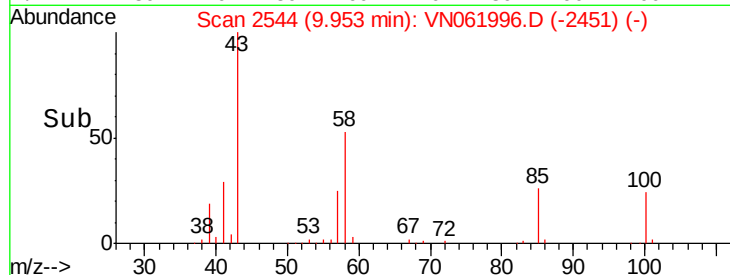
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 20.371 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061996.D

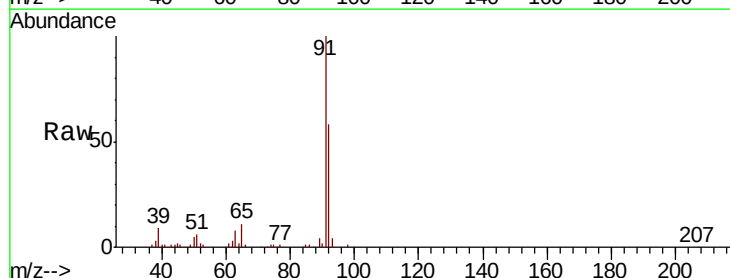
Acq: 22 Jun 2020 13:53

Tgt Ion: 92 Resp: 101068

Ion Ratio Lower Upper

92 100

91 172.9 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

100000

80000

60000

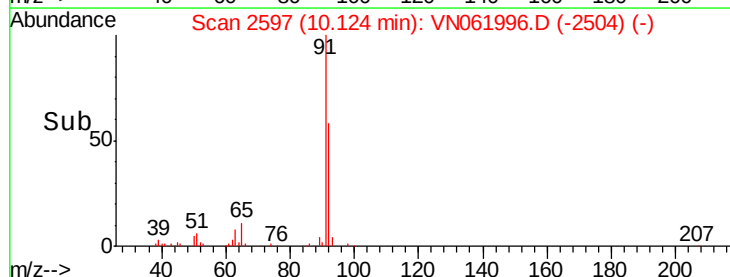
40000

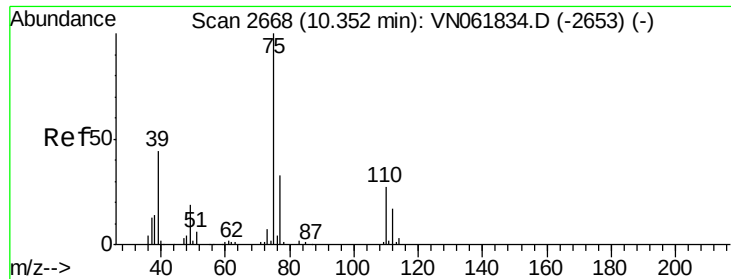
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.923 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

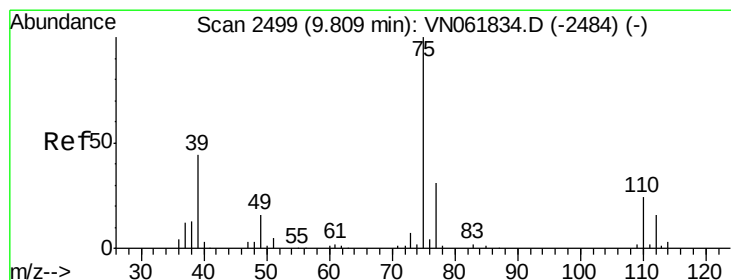
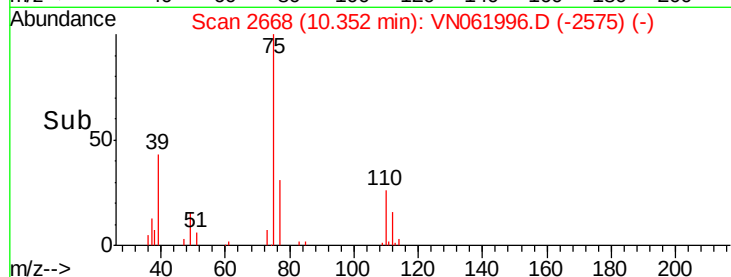
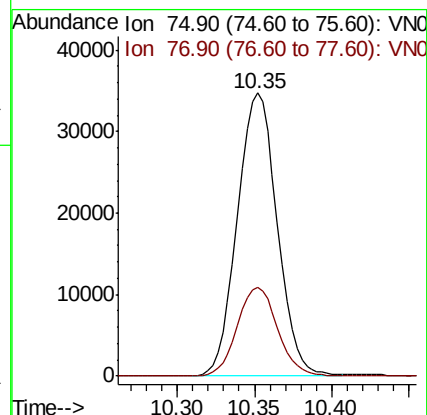
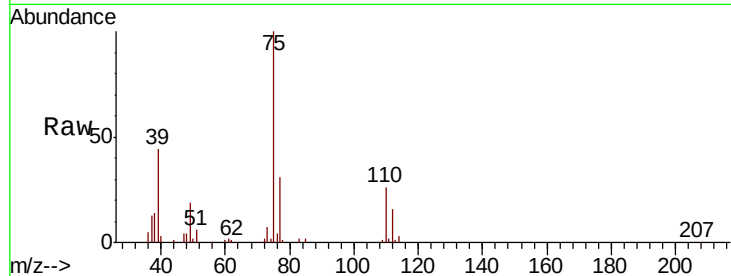
VN0622MBS01

Tot Ion: 75 Resp: 62180

Ion Ratio Lower Upper

75 100

77 31.5 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.717 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

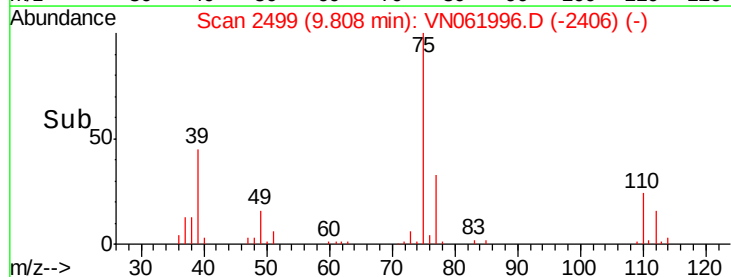
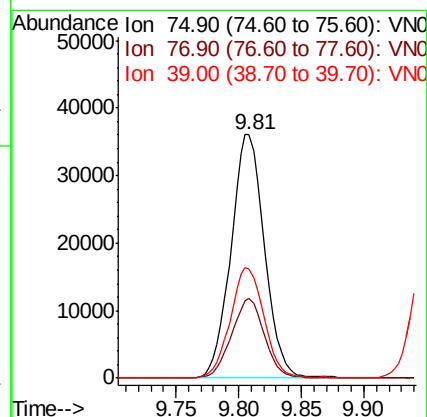
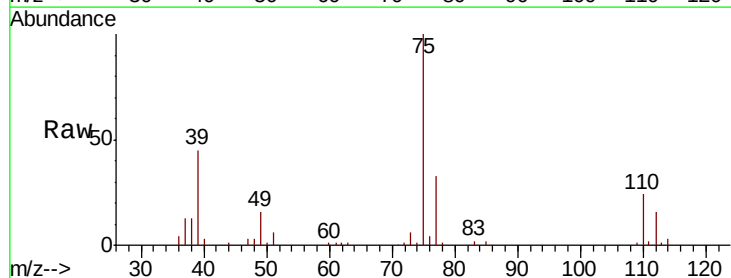
Tgt Ion: 75 Resp: 66872

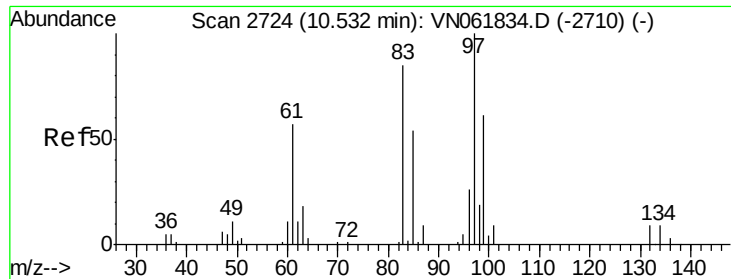
Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2

39 44.7 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 22.196 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

Tot Ion: 97 Resp: 43328

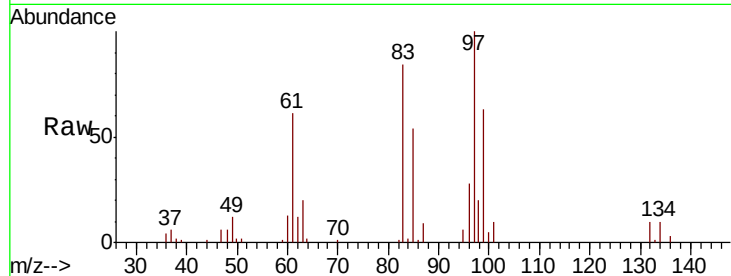
Ion Ratio Lower Upper

97 100

83 83.6 67.7 101.5

85 54.0 43.4 65.0

99 62.8 48.8 73.2

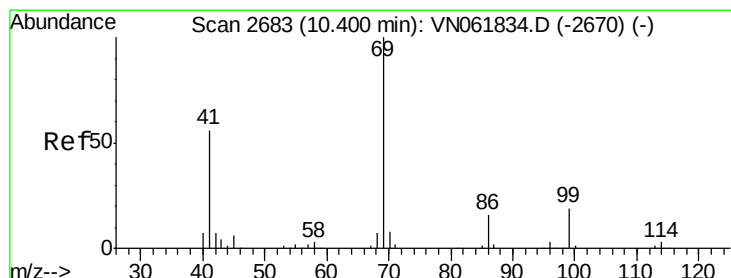
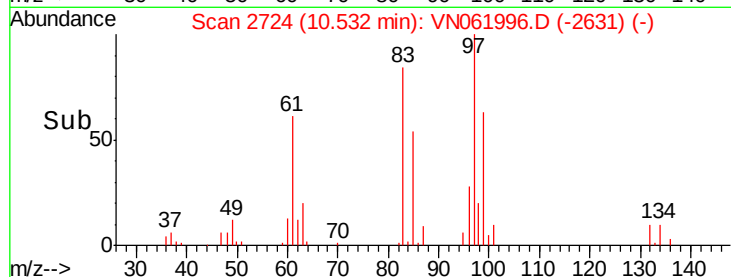
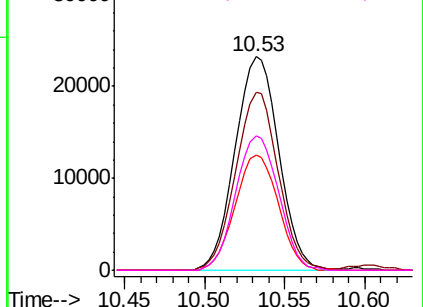


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.272 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

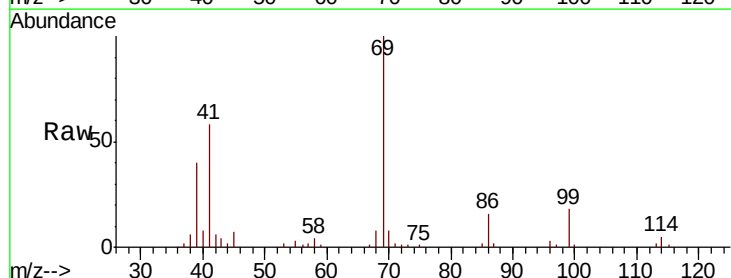
Tgt Ion: 69 Resp: 54982

Ion Ratio Lower Upper

69 100

41 59.2 44.9 67.3

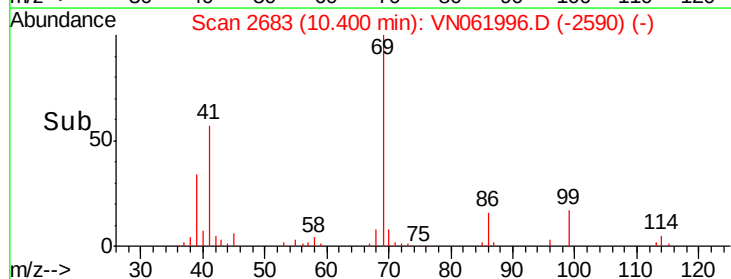
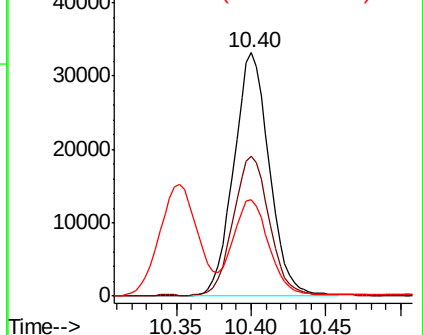
39 39.2 30.0 45.0

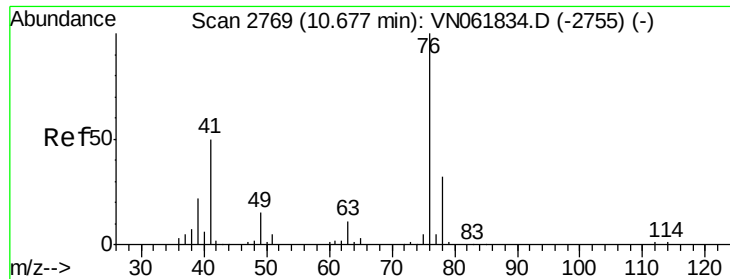


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

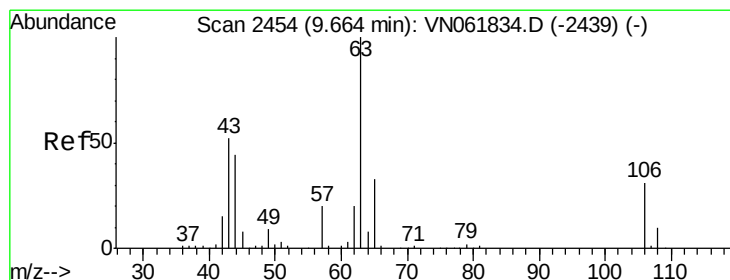
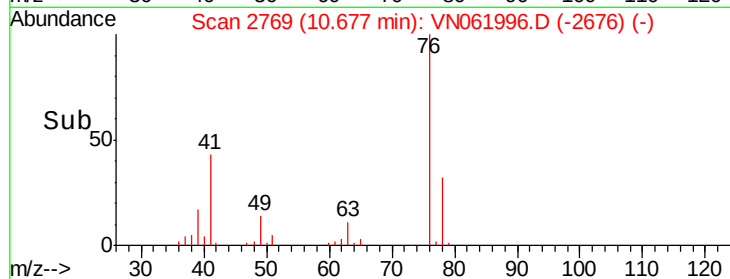
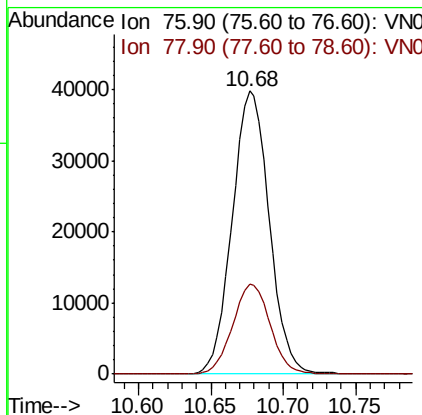
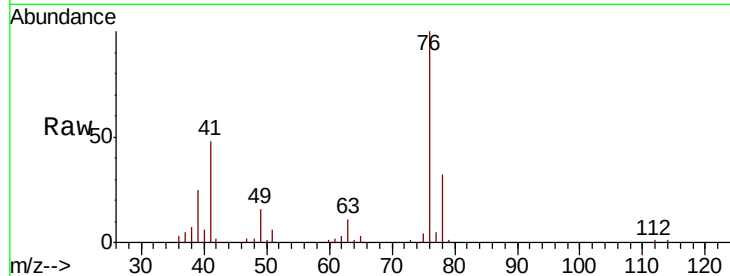




#57
 1,3-Dichloropropane
 Concen: 21.353 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

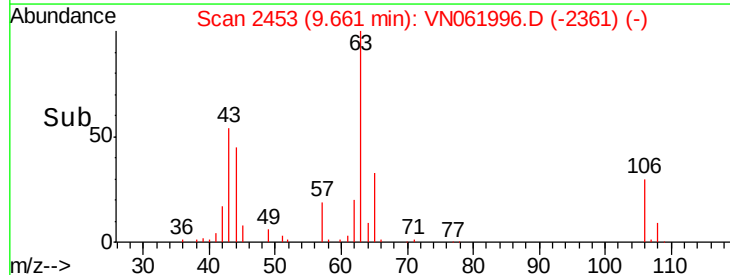
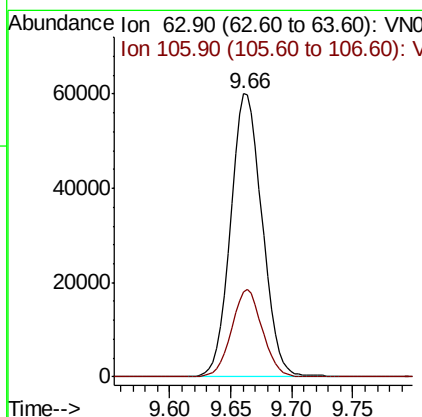
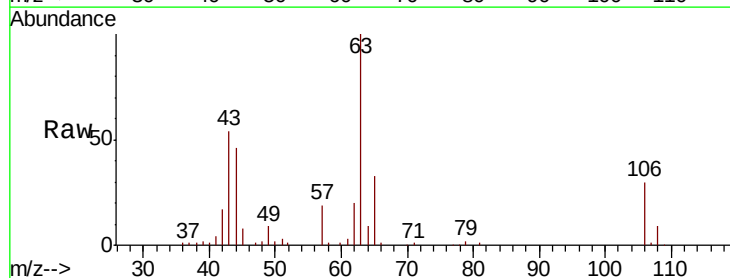
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

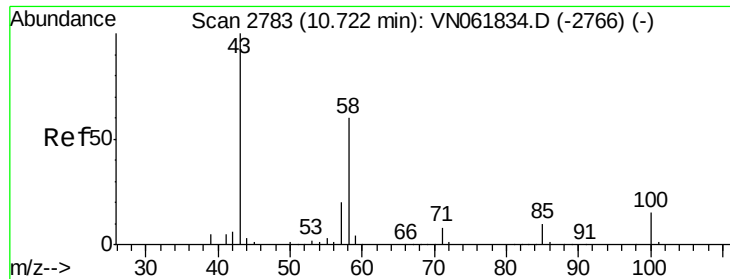
Tot Ion: 76 Resp: 70616
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.051 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion: 63 Resp: 108228
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.6 36.8

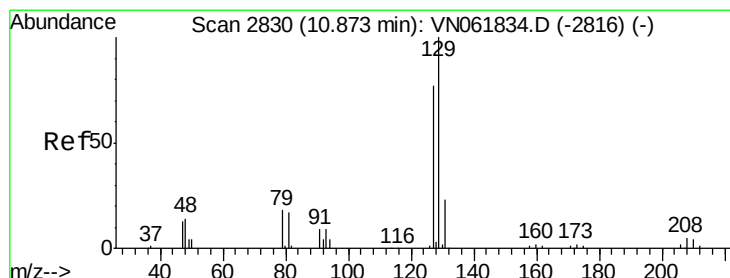
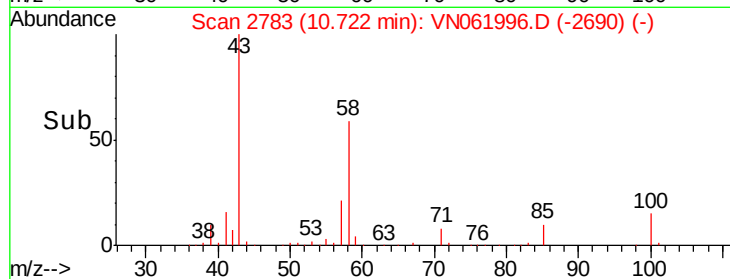
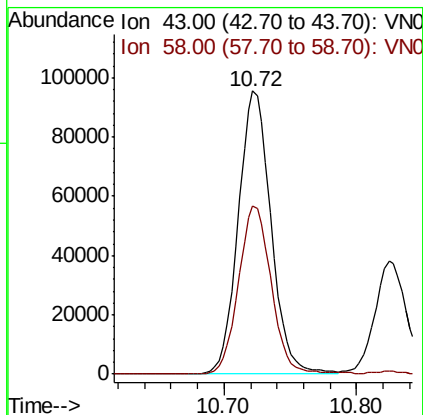
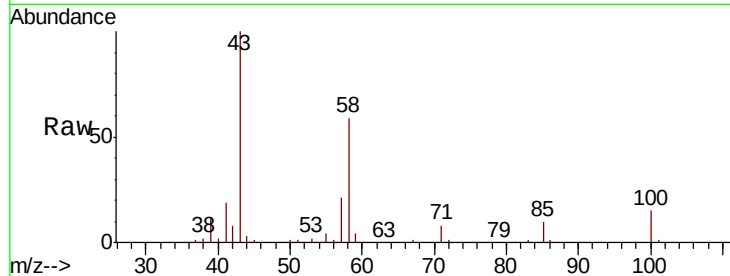




#59
2-Hexanone
Concen: 109.291 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

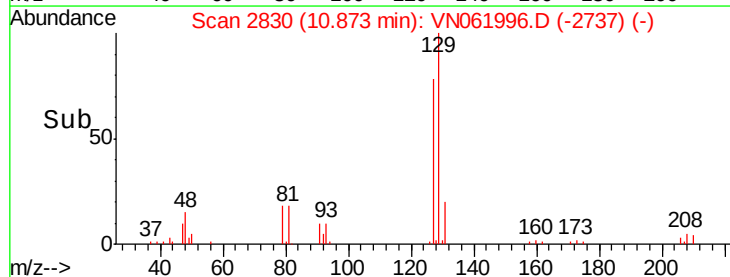
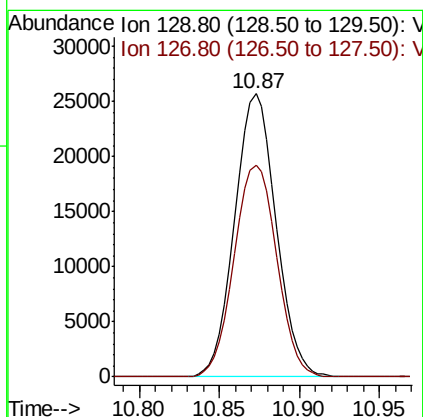
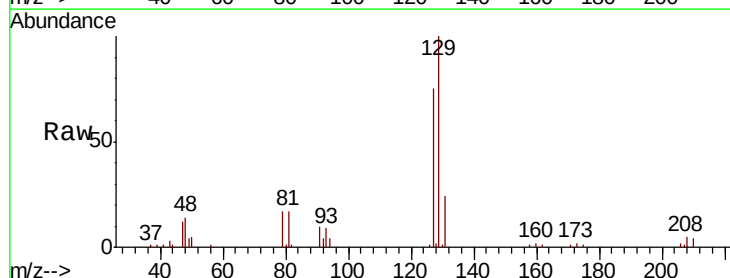
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

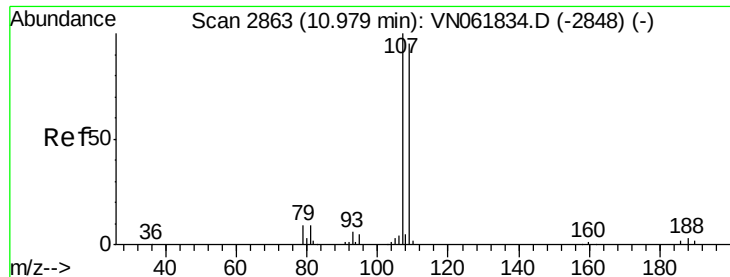
Tot Ion: 43 Resp: 164164
Ion Ratio Lower Upper
43 100
58 59.4 30.1 90.5



#60
Dibromochloromethane
Concen: 20.803 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 129 Resp: 45314
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

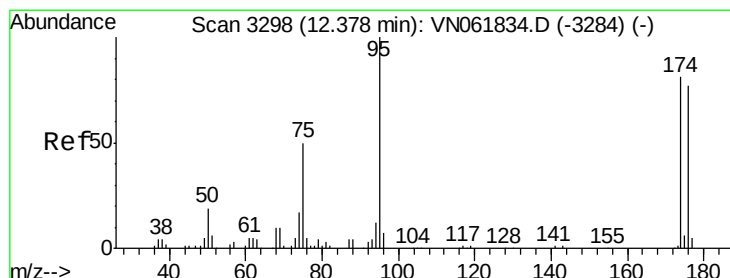
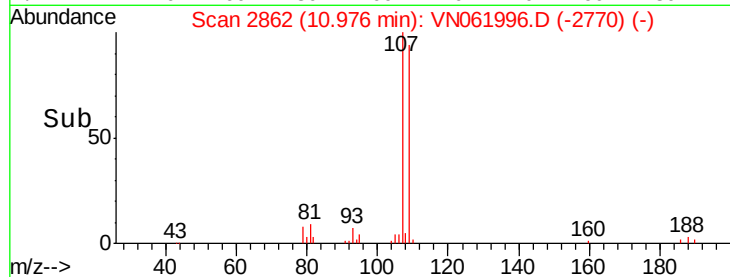
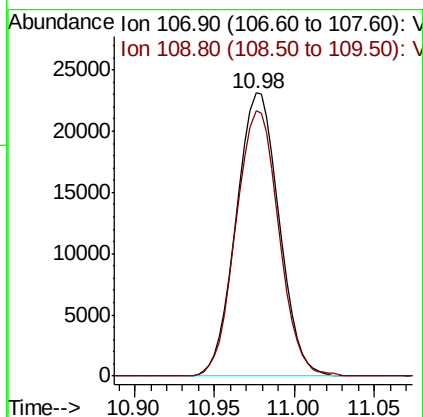
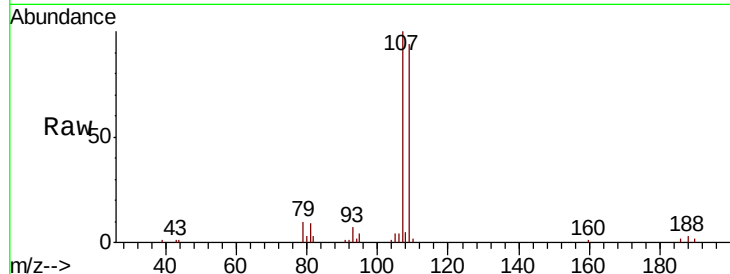




#61
 1,2-Dibromoethane
 Concen: 20.746 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

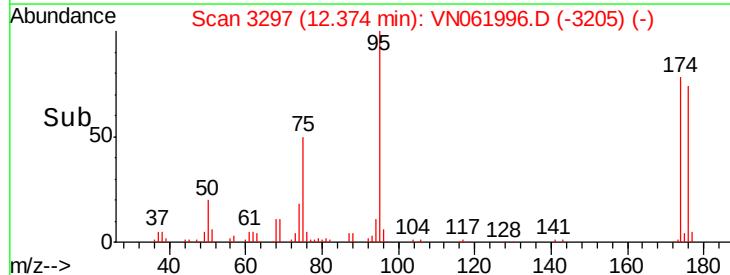
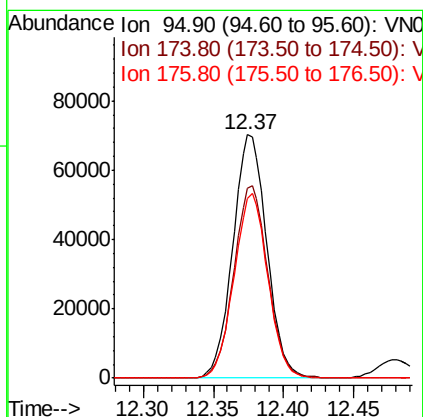
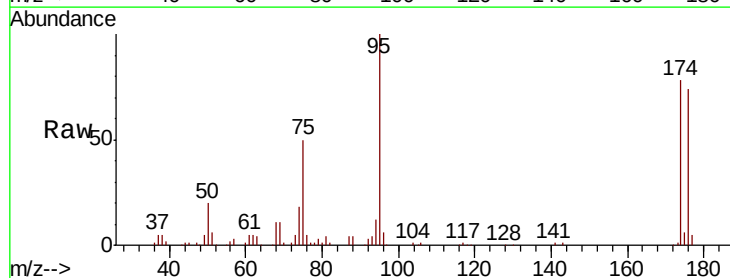
Instrument :
 MSVOA_N
 ClientSampled :
 VN0622MBS01

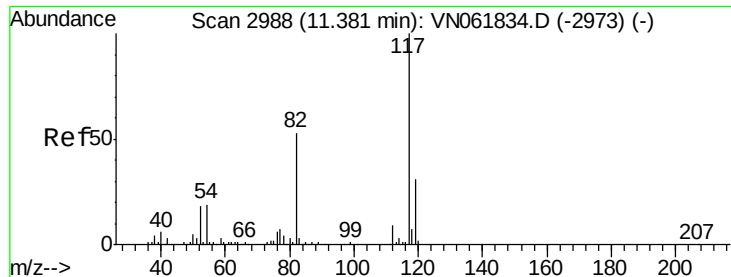
Tot Ion: 107 Resp: 42288
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.986 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion: 95 Resp: 118367
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 158.6
 176 75.5 0.0 152.0

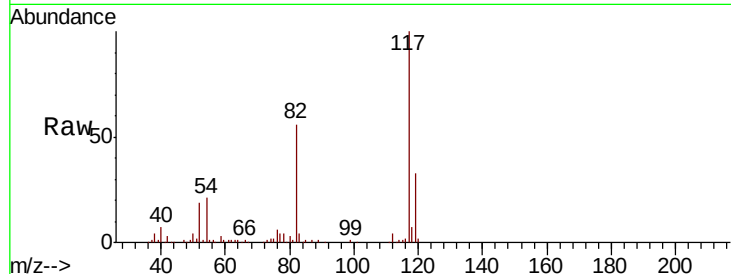




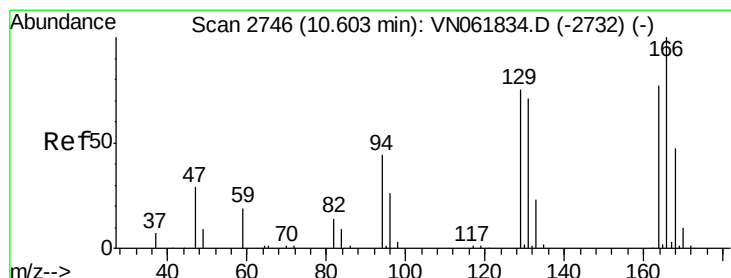
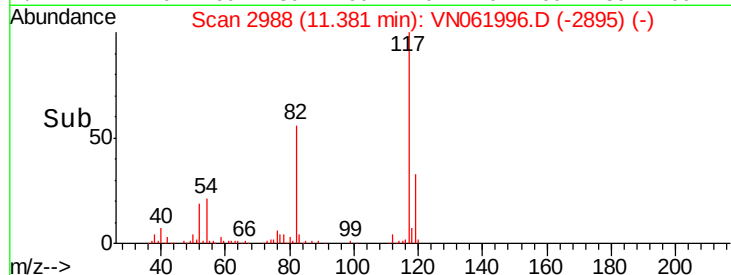
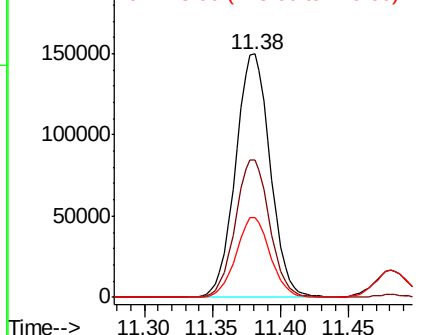
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tot Ion:117 Resp: 264162
Ion Ratio Lower Upper
117 100
82 56.4 42.6 64.0
119 32.9 24.7 37.1

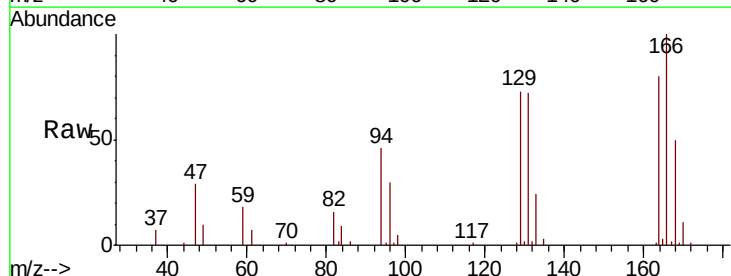


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

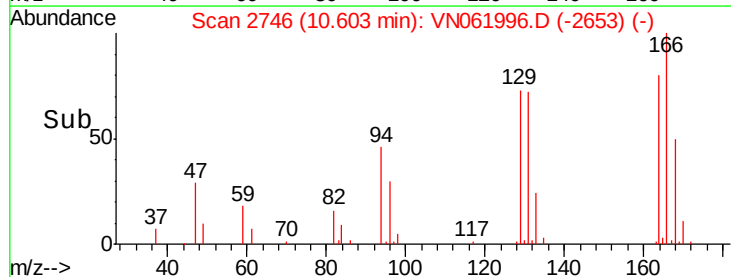
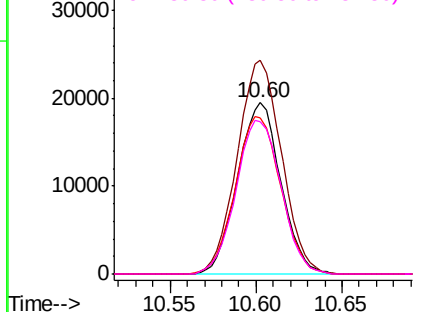


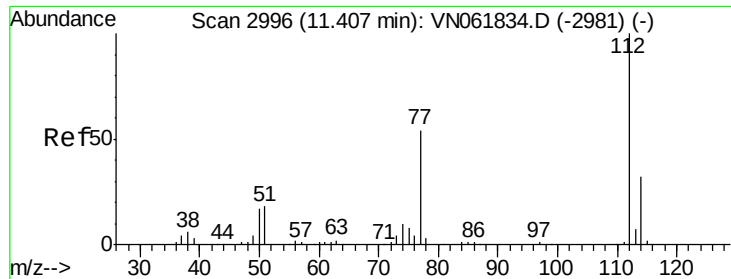
#64
Tetrachloroethene
Concen: 20.218 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion:164 Resp: 34041
Ion Ratio Lower Upper
164 100
166 124.8 103.5 155.3
129 91.3 77.5 116.3
131 89.4 73.8 110.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

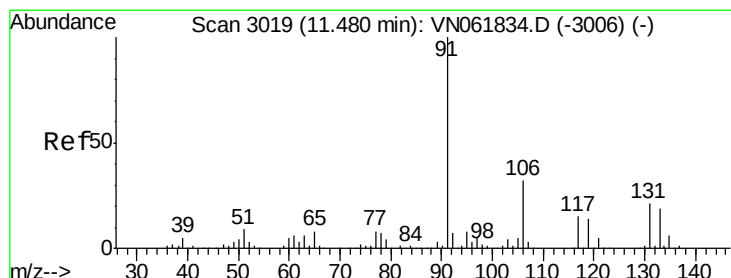
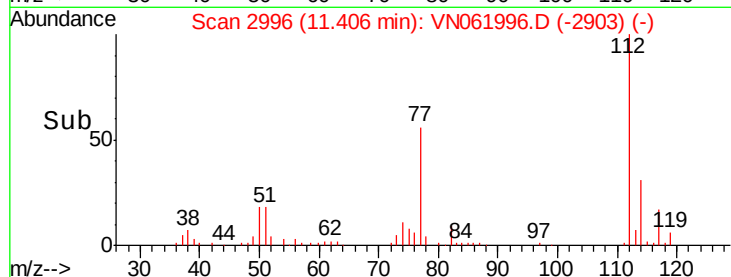
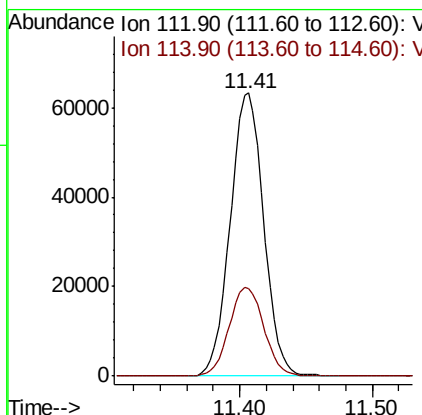
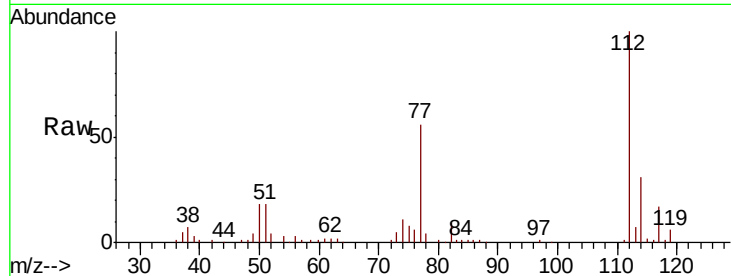




#65
Chlorobenzene
Concen: 19.883 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

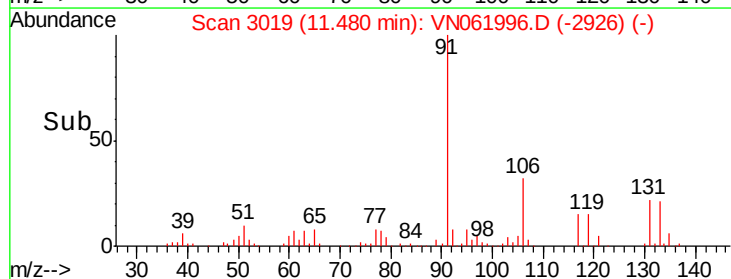
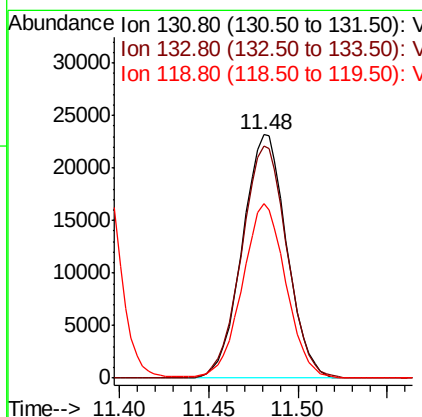
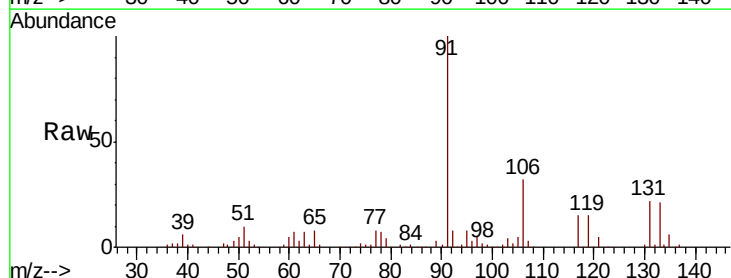
Instrument :
MSVOA_N
ClientSampled :
VN0622MBS01

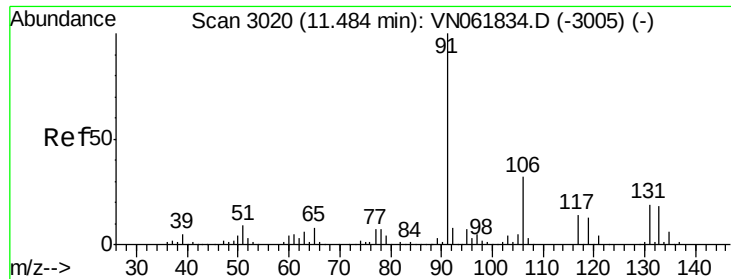
Tot Ion:112 Resp: 110831
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.713 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion:131 Resp: 40266
Ion Ratio Lower Upper
131 100
133 97.7 47.5 142.5
119 70.5 34.0 101.8

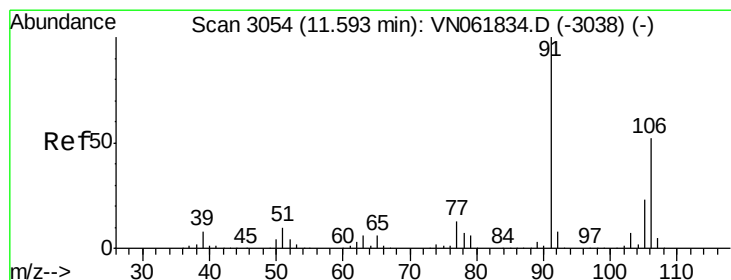
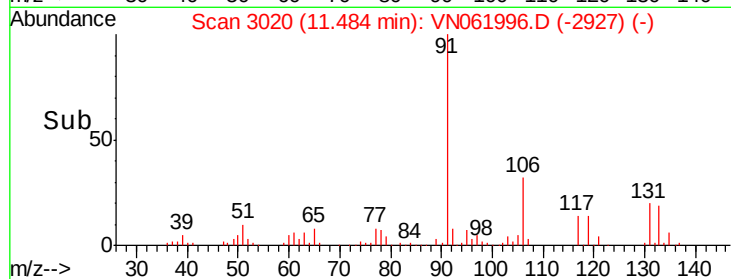
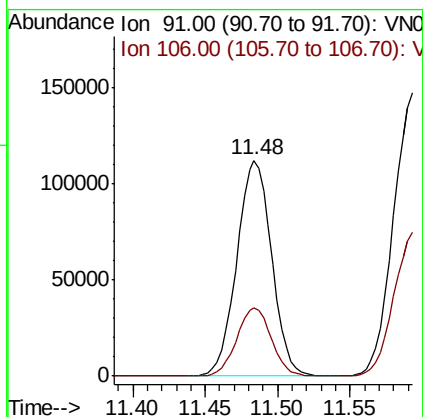
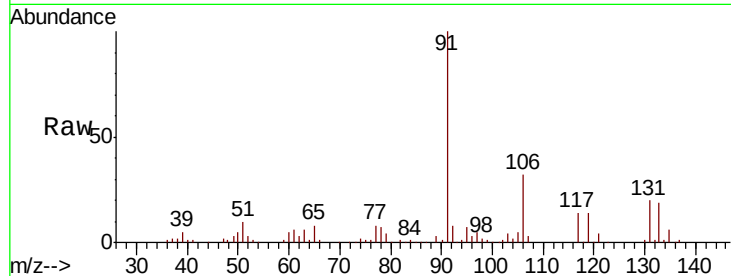




#67
Ethyl Benzene
Concen: 20.043 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

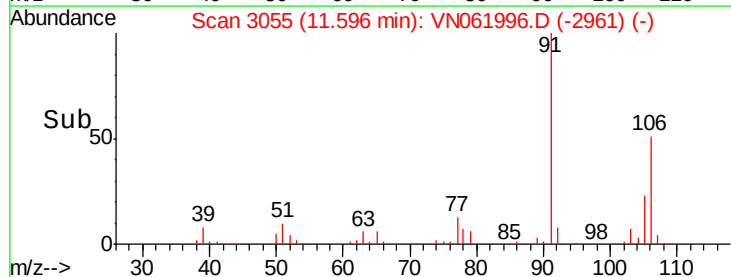
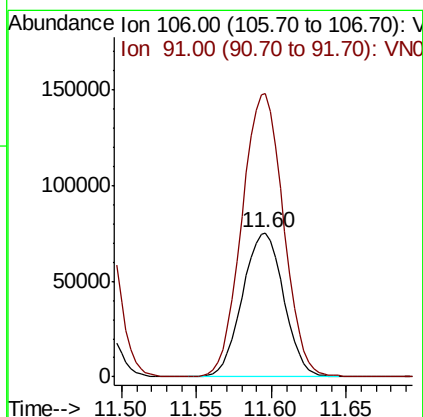
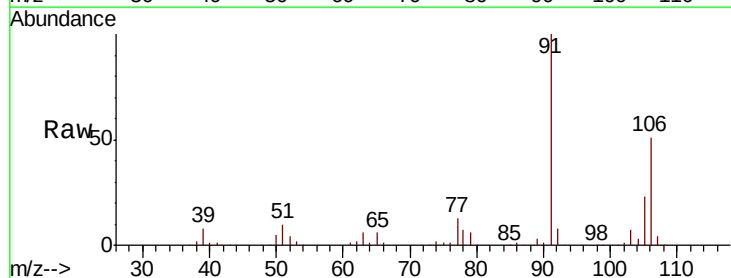
Instrument :
MSVOA_N
ClientSampled :
VN0622MBS01

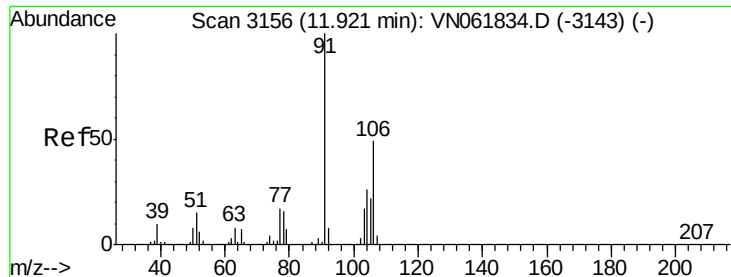
Tot Ion: 91 Resp: 187314
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 40.241 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 106 Resp: 145016
Ion Ratio Lower Upper
106 100
91 196.9 157.0 235.6

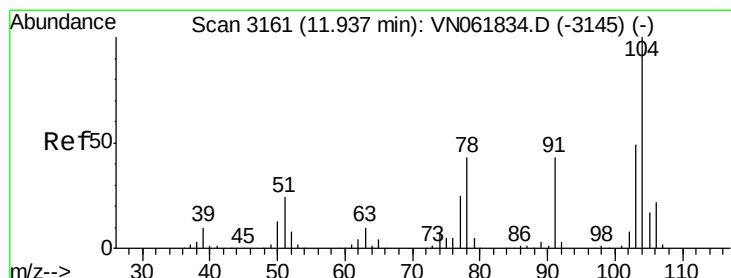
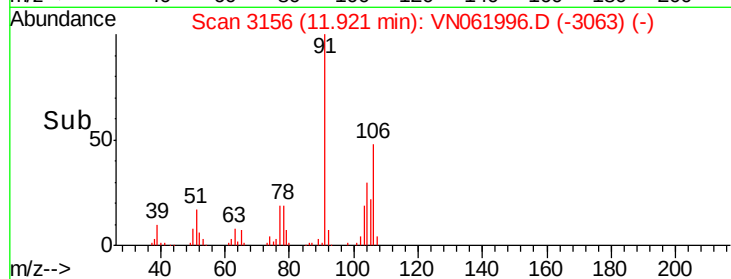
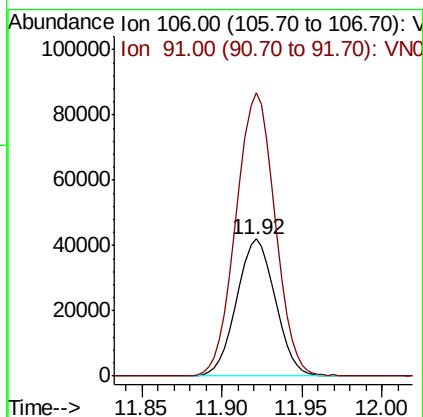
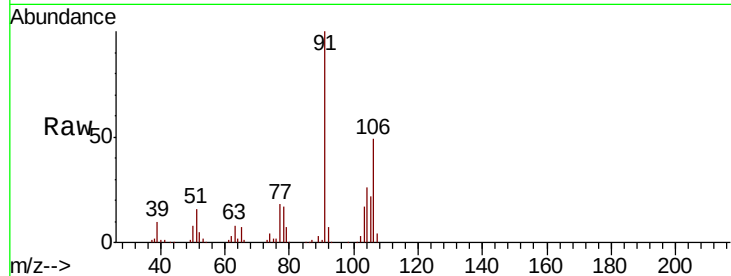




#69
o-Xylene
Concen: 20.147 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

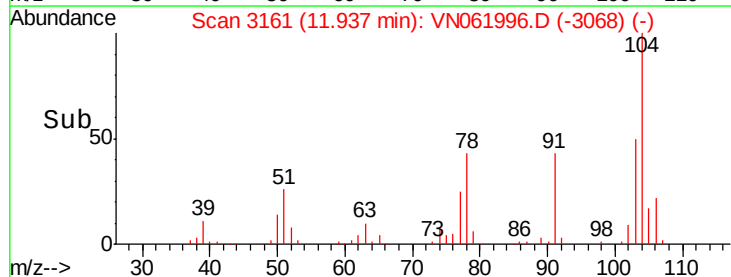
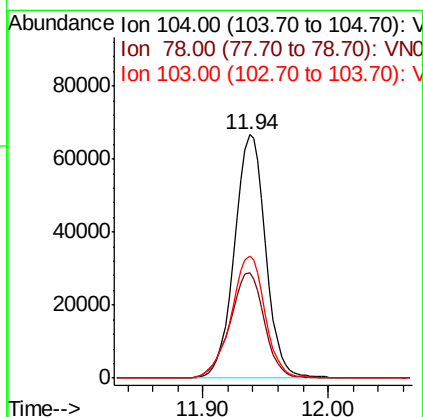
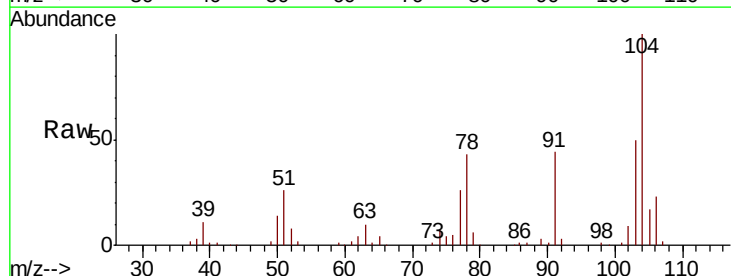
Instrument :
MSVOA_N
ClientSampled :
VN0622MBS01

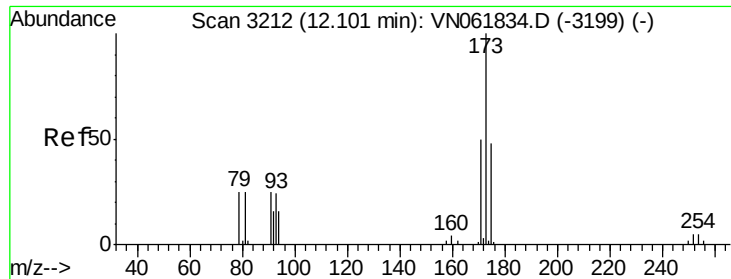
Tot Ion:106 Resp: 69273
Ion Ratio Lower Upper
106 100
91 209.3 103.0 308.9



#70
Styrene
Concen: 20.002 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion:104 Resp: 115159
Ion Ratio Lower Upper
104 100
78 47.9 37.6 56.4
103 54.3 43.0 64.4





#71

Bromoform

Concen: 20.849 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

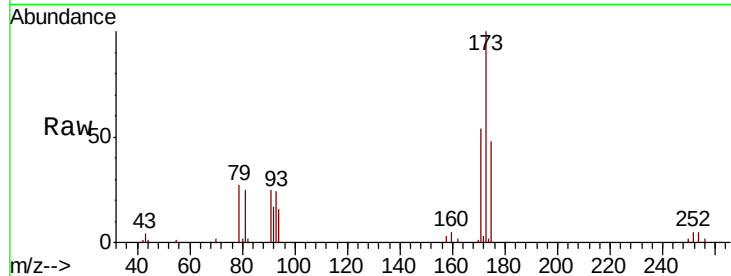
Tot Ion:173 Resp: 29553

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

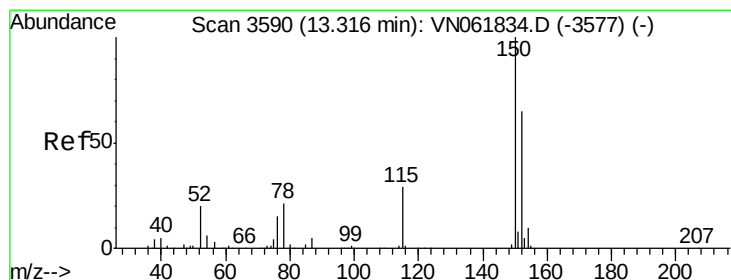
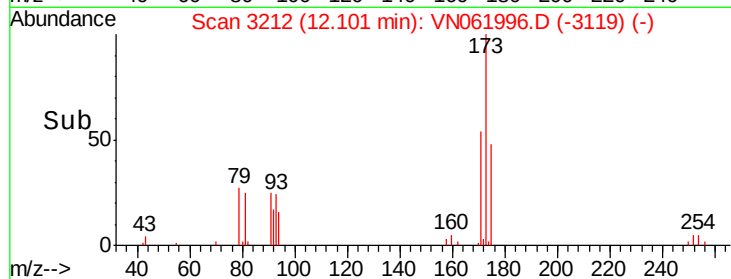
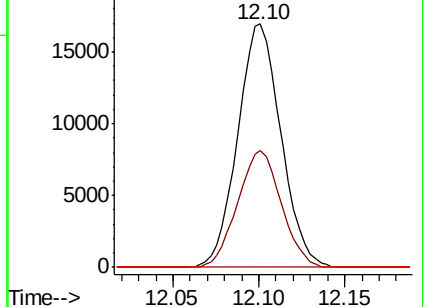
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

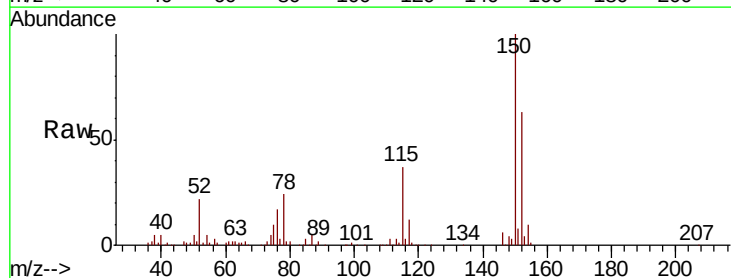
Tgt Ion:152 Resp: 123856

Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.3

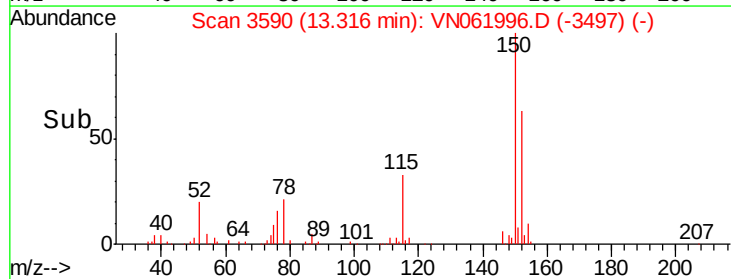
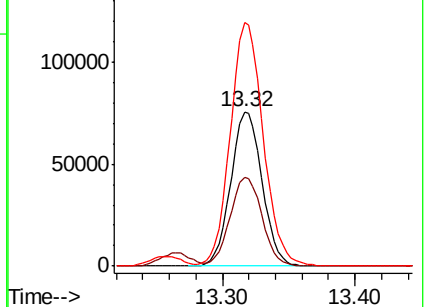
150 166.5 0.0 347.6

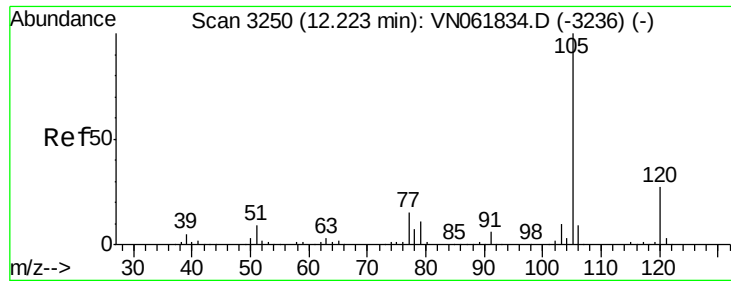


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.454 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

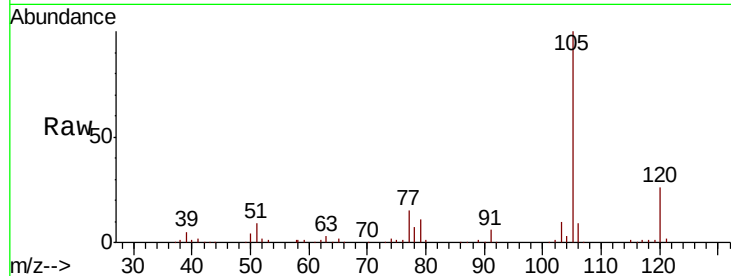
VN0622MBS01

Tot Ion:105 Resp: 180021

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

120000

100000

80000

60000

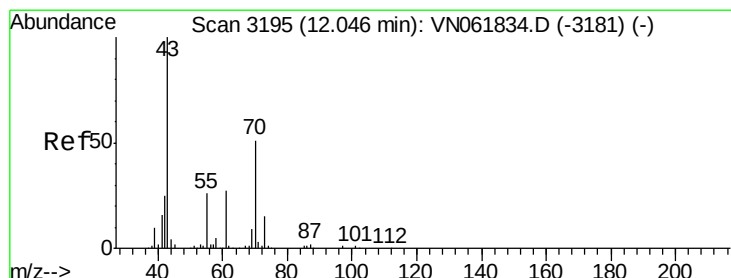
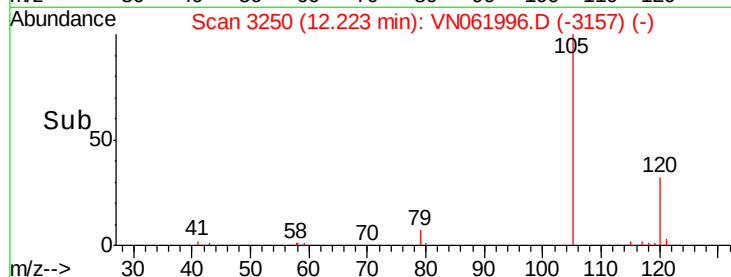
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.044 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Tgt Ion: 43 Resp: 61048

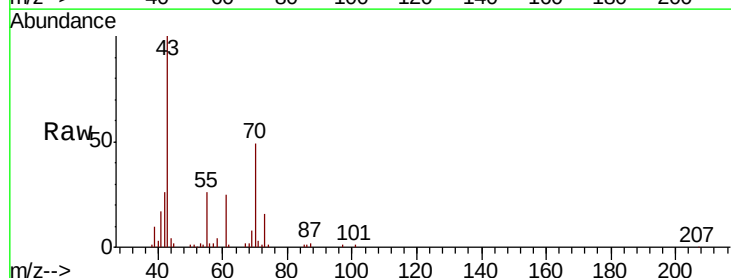
Ion Ratio Lower Upper

43 100

70 48.8 40.6 60.8

55 28.1 21.5 32.3

61 25.8 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

60000

50000

40000

30000

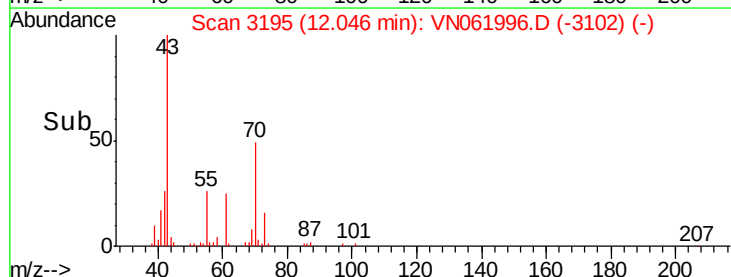
20000

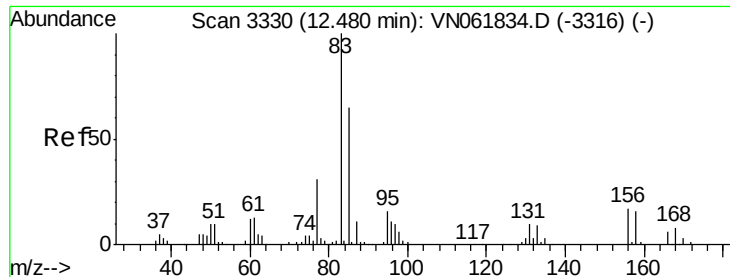
10000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 22.037 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampled :

VN0622MBS01

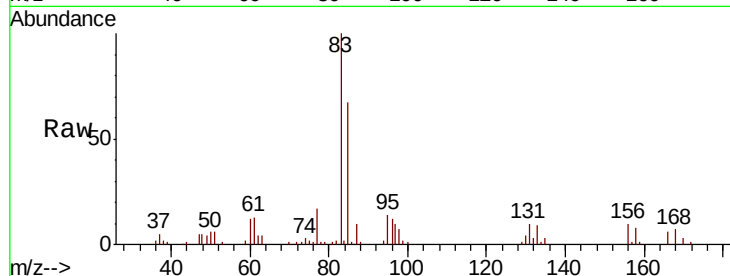
Tot Ion: 83 Resp: 63060

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

85 64.6 32.4 97.2



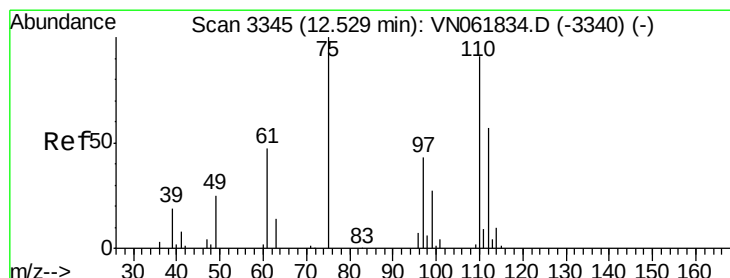
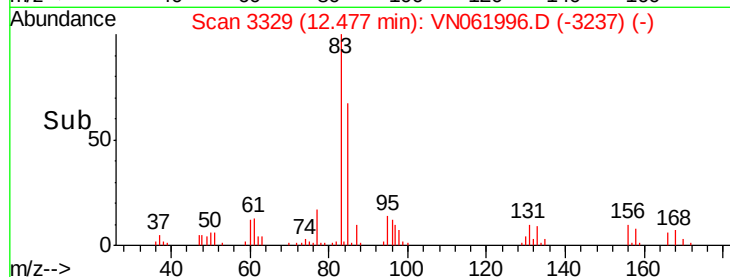
Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)

12.48

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 31.552 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061996.D

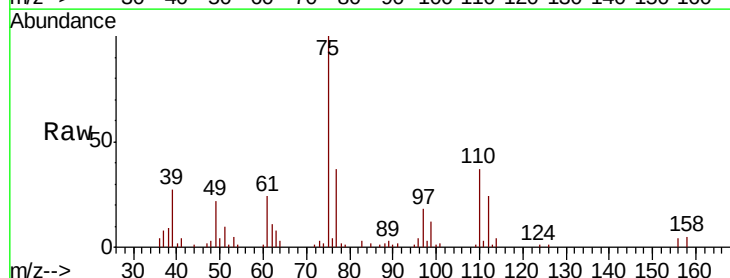
Acq: 22 Jun 2020 13:53

Tgt Ion: 75 Resp: 76721

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

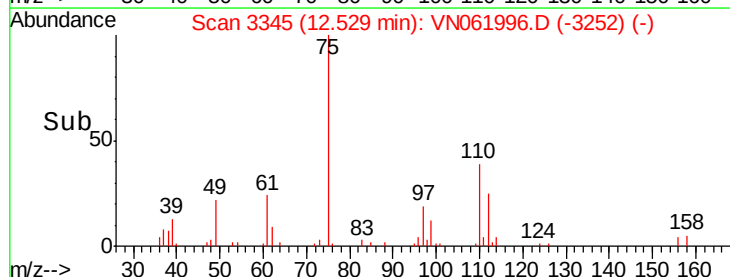


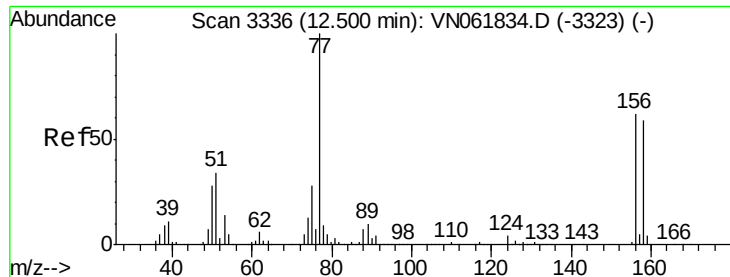
Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)

12.53

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 20.868 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

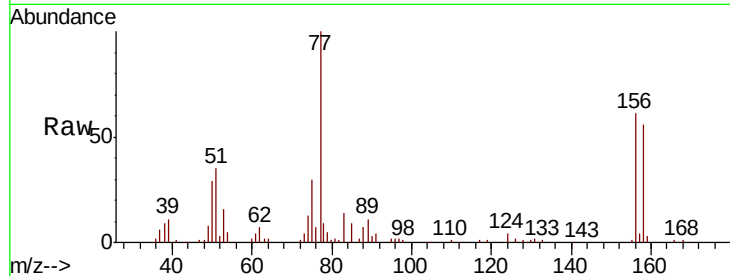
Tot Ion:156 Resp: 46337

Ion Ratio Lower Upper

156 100

77 203.3 100.7 302.1

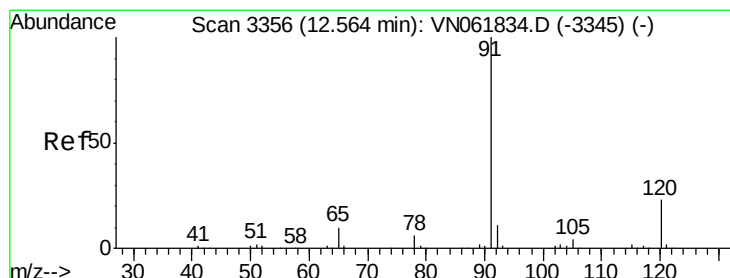
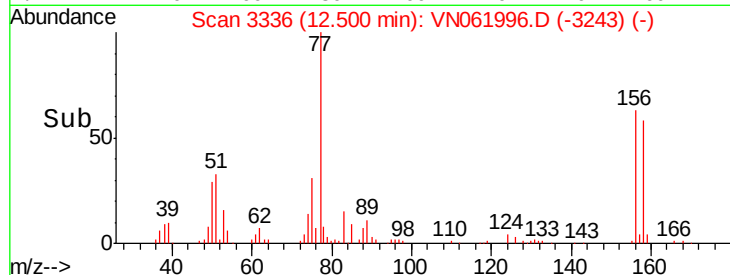
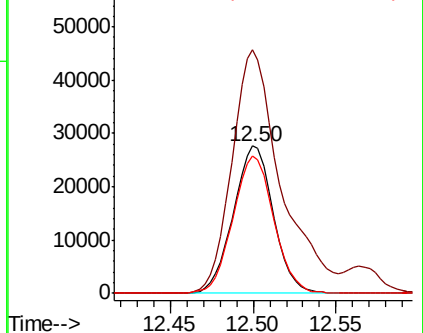
158 94.6 48.5 145.5



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: 20.633 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061996.D

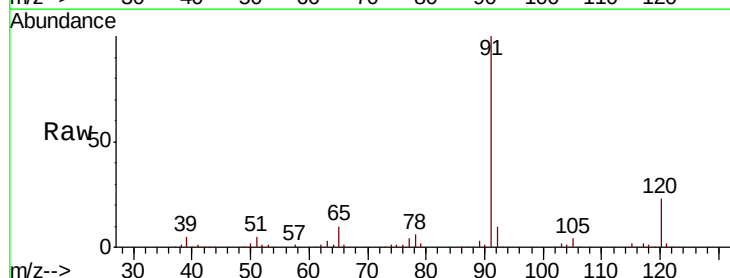
Acq: 22 Jun 2020 13:53

Tgt Ion: 91 Resp: 207214

Ion Ratio Lower Upper

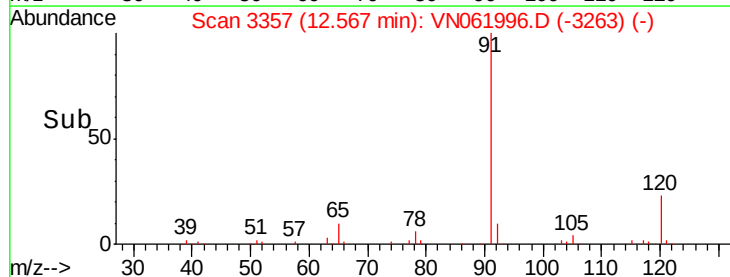
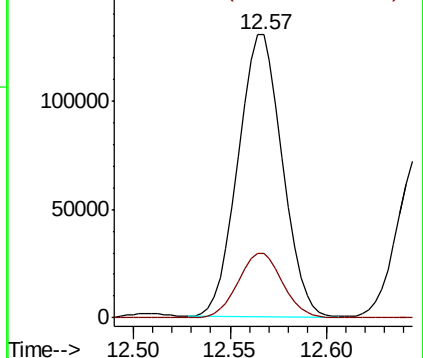
91 100

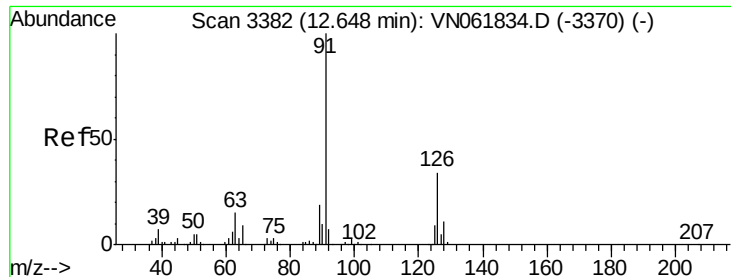
120 23.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.873 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampled :

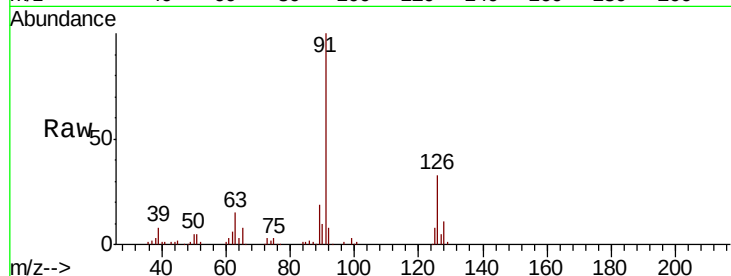
VN0622MBS01

Tot Ion: 91 Resp: 125899

Ion Ratio Lower Upper

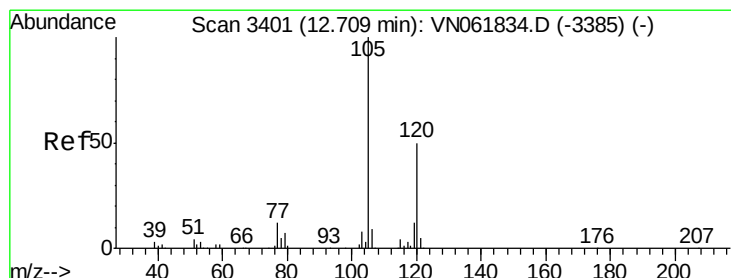
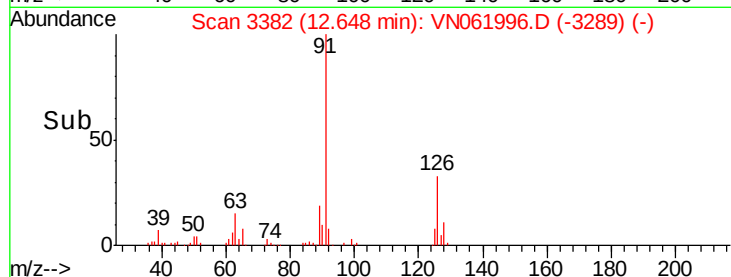
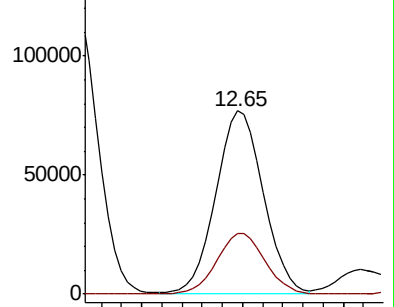
91 100

126 34.0 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.662 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061996.D

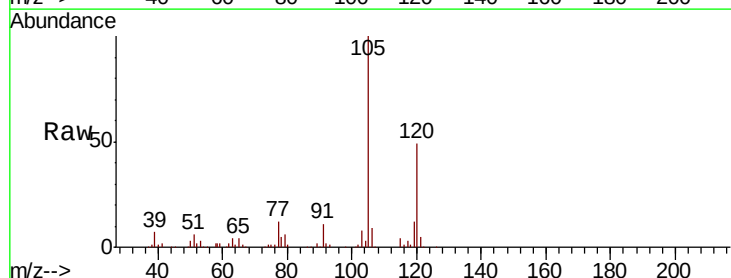
Acq: 22 Jun 2020 13:53

Tgt Ion: 105 Resp: 150451

Ion Ratio Lower Upper

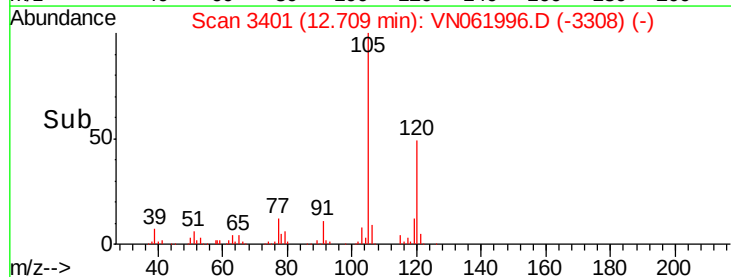
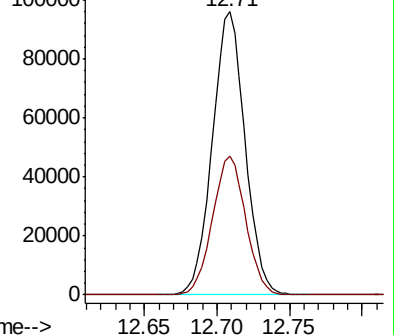
105 100

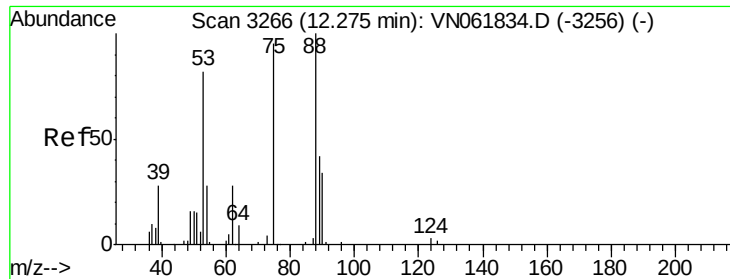
120 49.8 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)

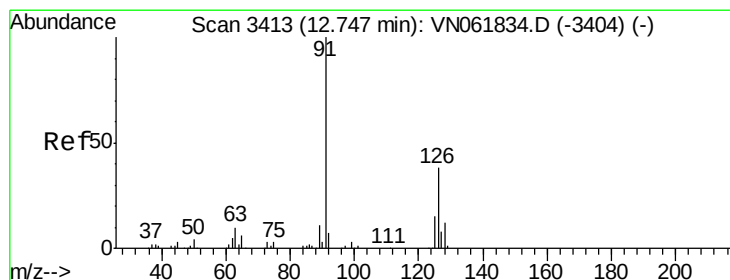
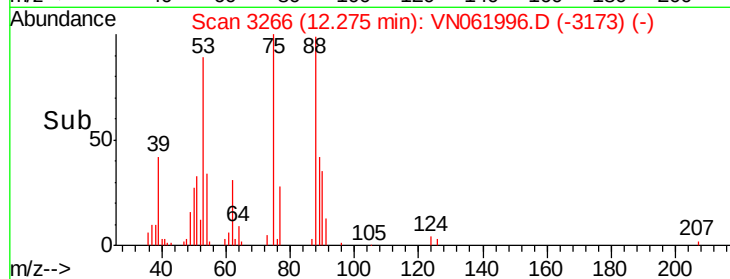
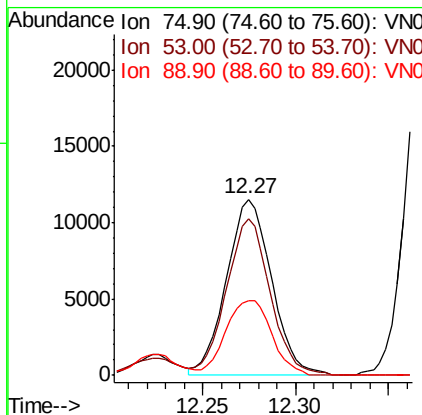
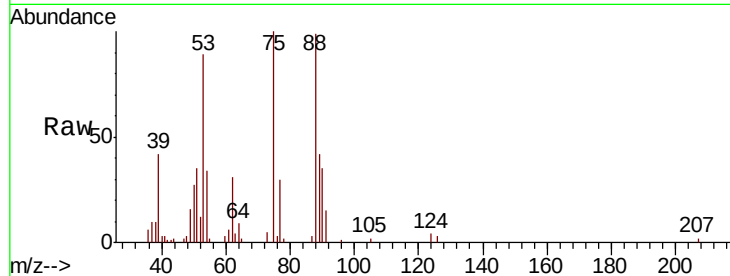




#81
trans-1,4-Dichloro-2-butene
Concen: 21.817 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

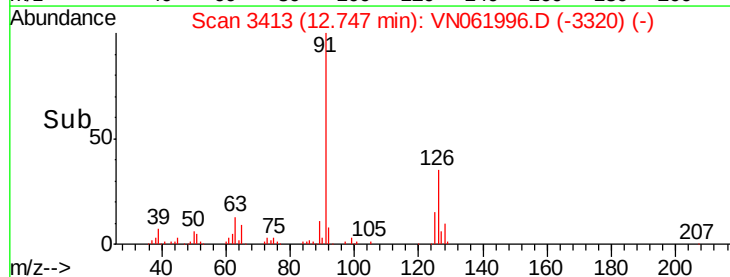
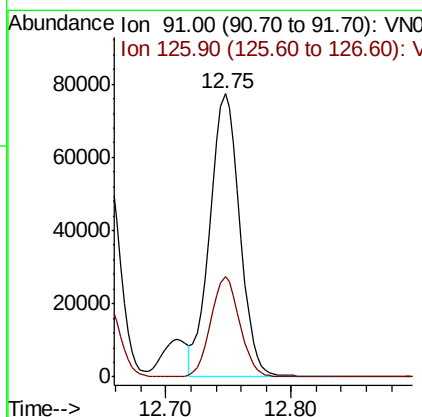
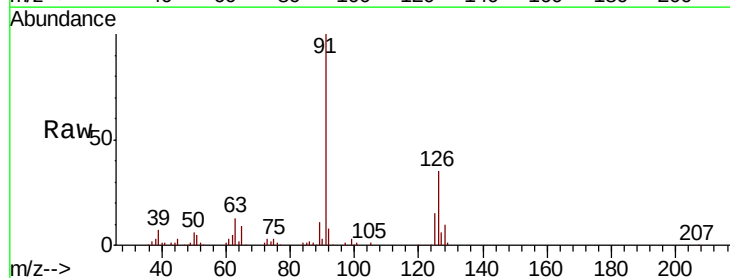
Instrument :
MSVOA_N
ClientSampled :
VN0622MBS01

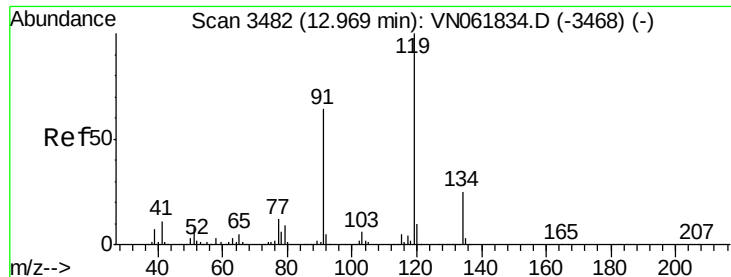
Tot Ion: 75 Resp: 19451
Ion Ratio Lower Upper
75 100
53 86.1 70.4 105.6
89 43.4 36.0 54.0



#82
4-Chlorotoluene
Concen: 20.584 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion: 91 Resp: 128288
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6

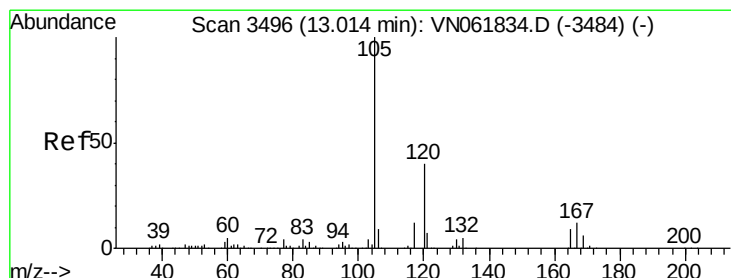
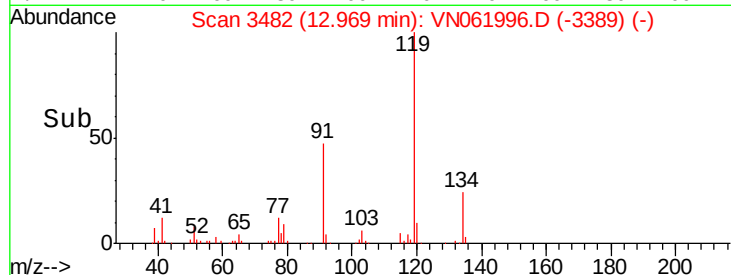
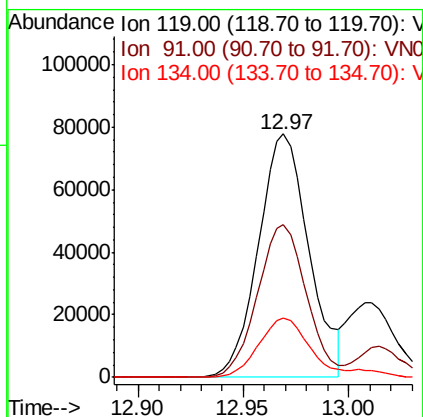
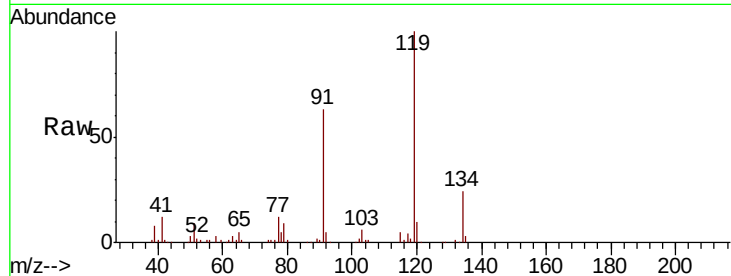




#83
 tert-Butylbenzene
 Concen: 20.969 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

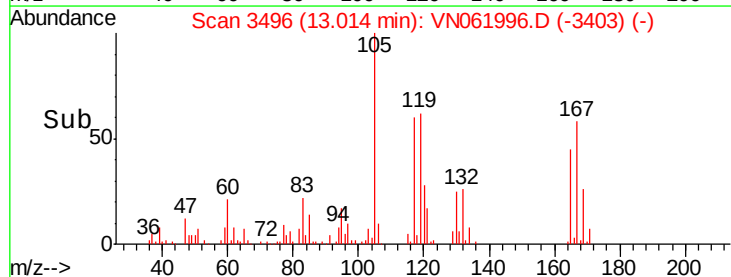
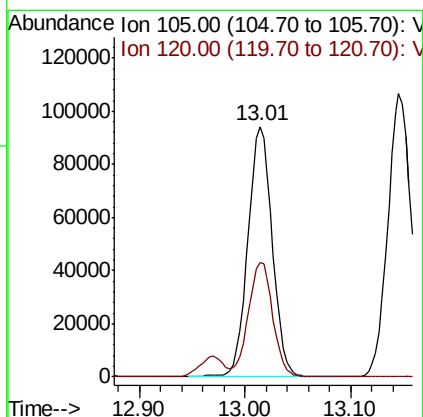
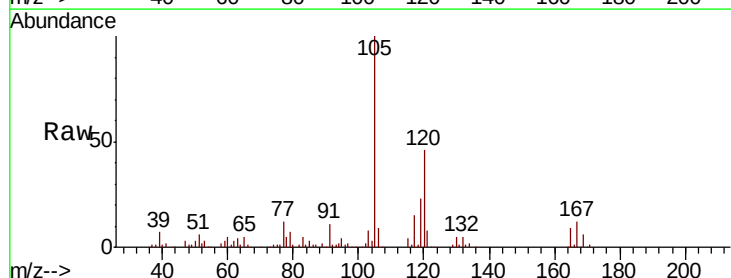
Instrument :
 MSVOA_N
 ClientSampled :
 VN0622MBS01

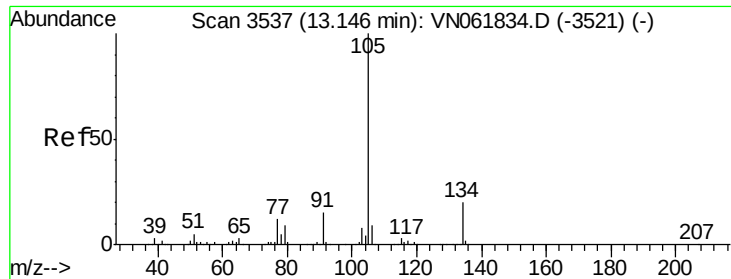
Tot Ion:119 Resp: 129446
 Ion Ratio Lower Upper
 119 100
 91 61.1 31.5 94.5
 134 24.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.116 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion:105 Resp: 151781
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.3 69.9





#85

sec-Butylbenzene

Concen: 20.749 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

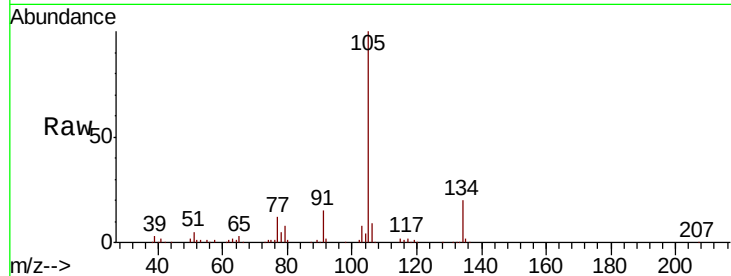
VN0622MBS01

Tot Ion:105 Resp: 167647

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

120000

100000

80000

60000

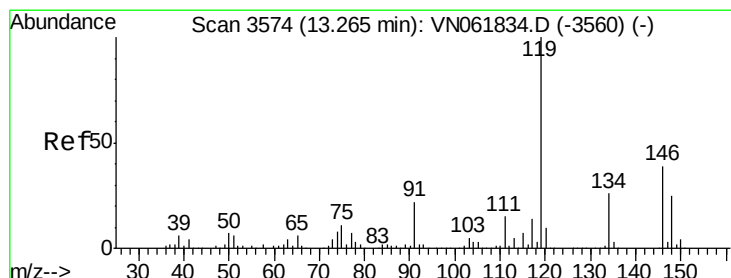
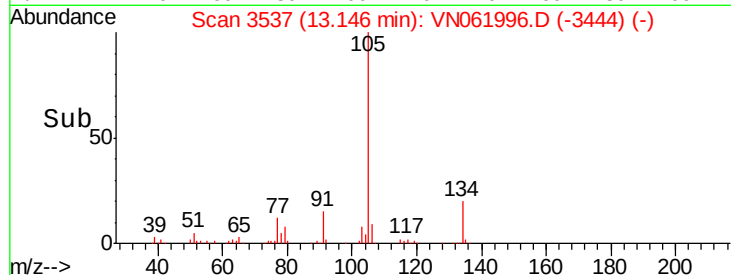
40000

20000

0

13.10 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 21.006 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

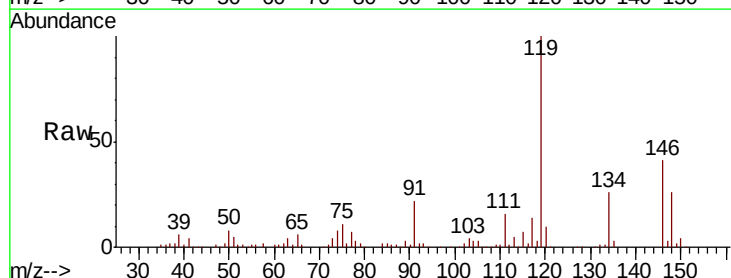
Tgt Ion:119 Resp: 151240

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 22.3 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

120000

100000

80000

60000

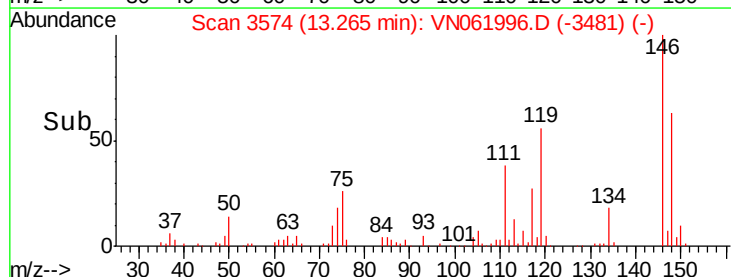
40000

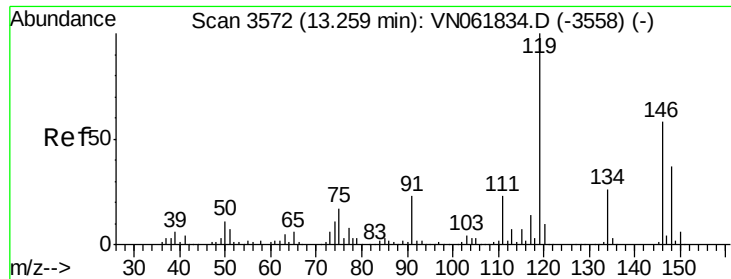
20000

0

13.20 13.25 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.184 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

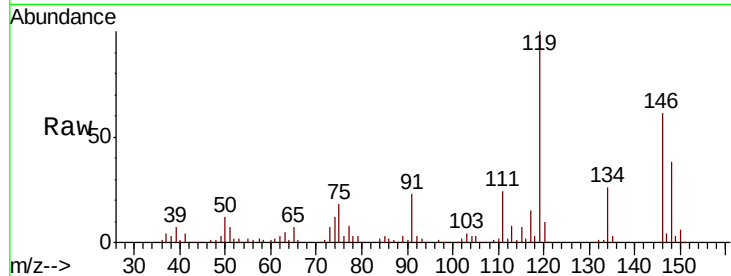
Tot Ion:146 Resp: 81742

Ion Ratio Lower Upper

146 100

111 40.2 19.6 58.8

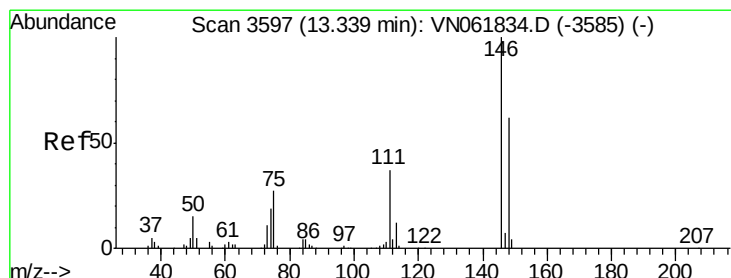
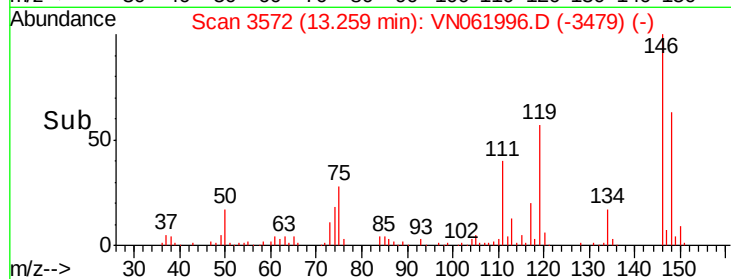
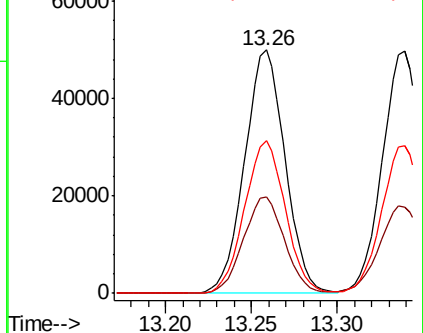
148 63.0 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 19.703 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

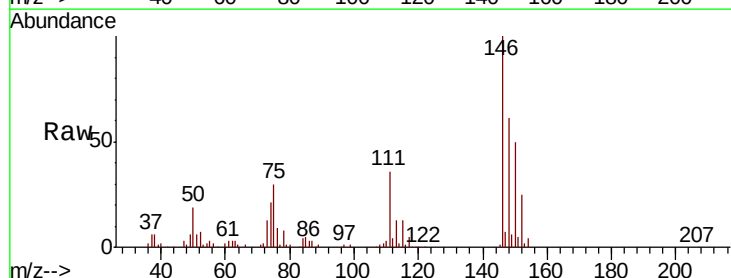
Tgt Ion:146 Resp: 81677

Ion Ratio Lower Upper

146 100

111 39.3 19.3 57.8

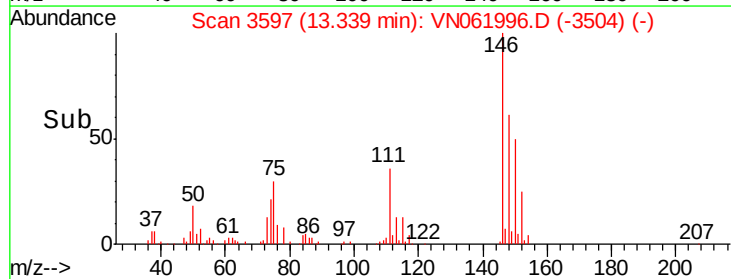
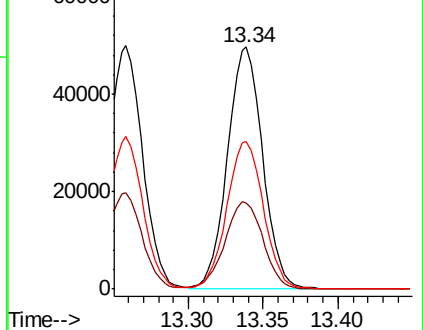
148 63.4 31.6 94.7

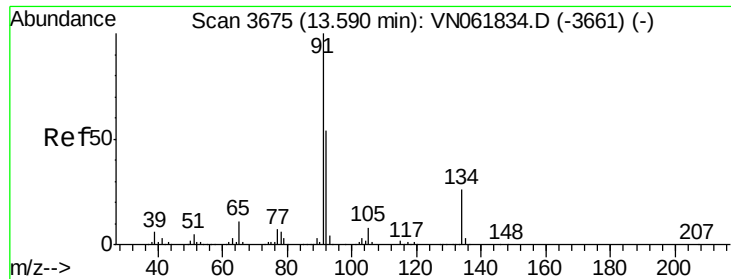


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.140 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061996.D

Acq: 22 Jun 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

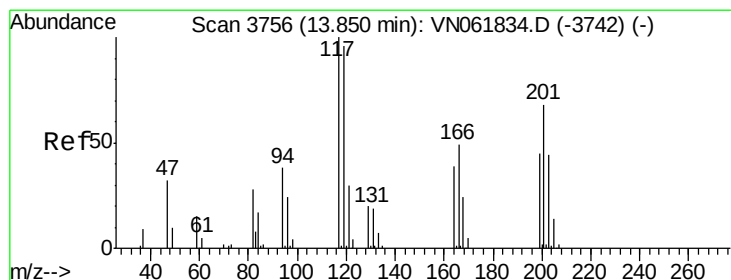
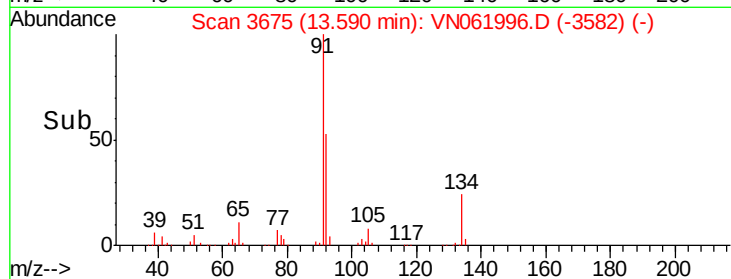
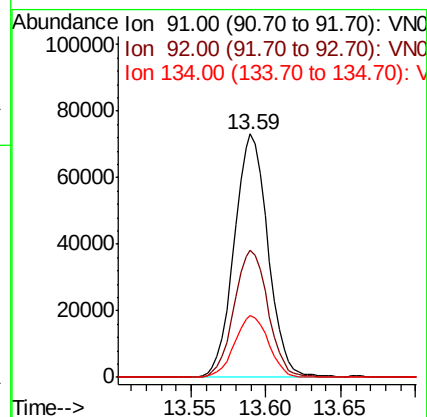
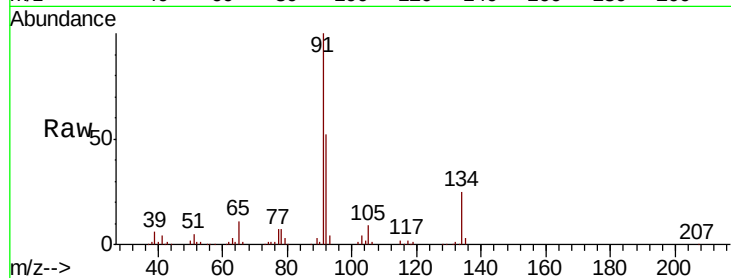
Tot Ion: 91 Resp: 115084

Ion Ratio Lower Upper

91 100

92 52.6 27.0 80.8

134 25.5 13.0 39.0



#90

Hexachloroethane

Concen: 21.166 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061996.D

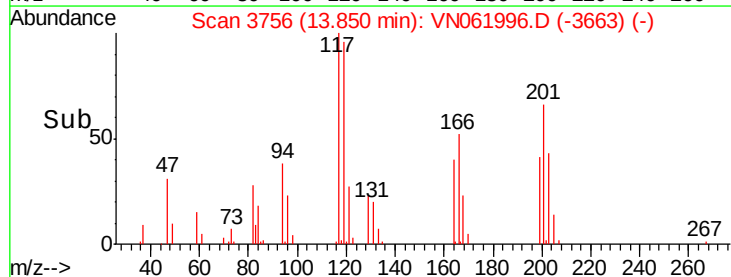
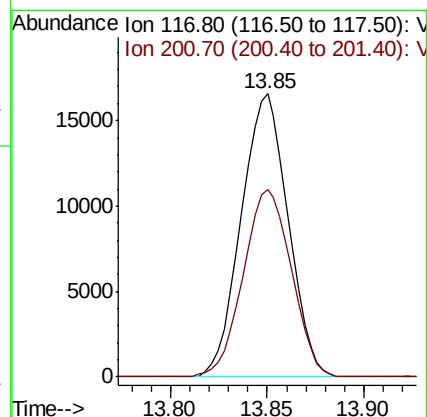
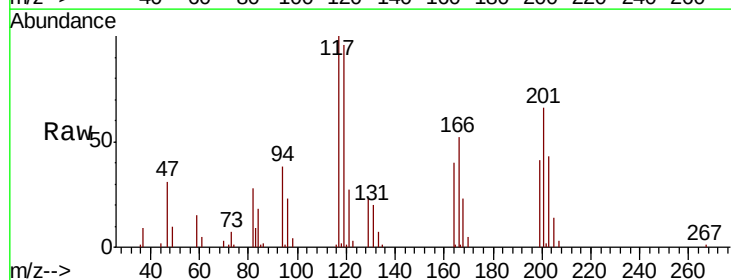
Acq: 22 Jun 2020 13:53

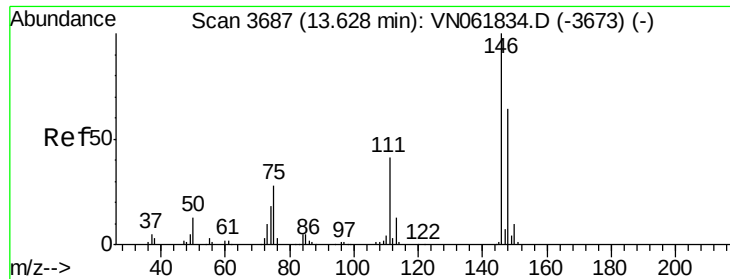
Tgt Ion: 117 Resp: 27896

Ion Ratio Lower Upper

117 100

201 68.0 34.6 103.8

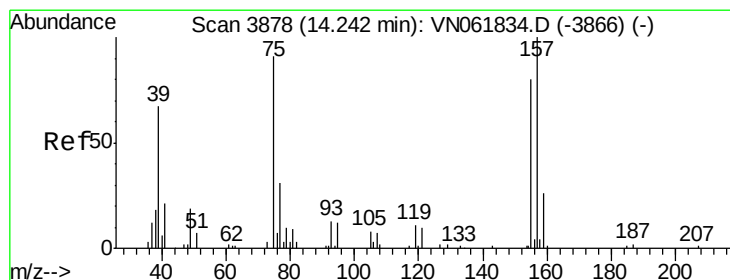
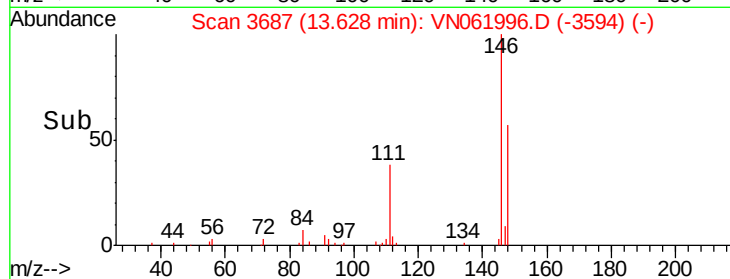
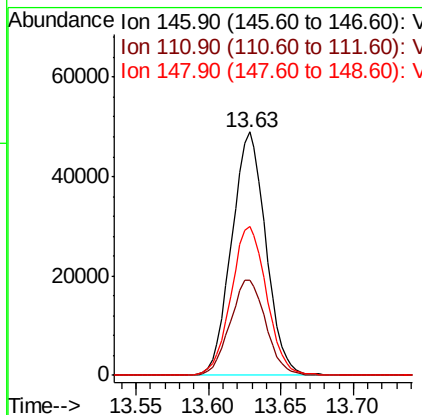
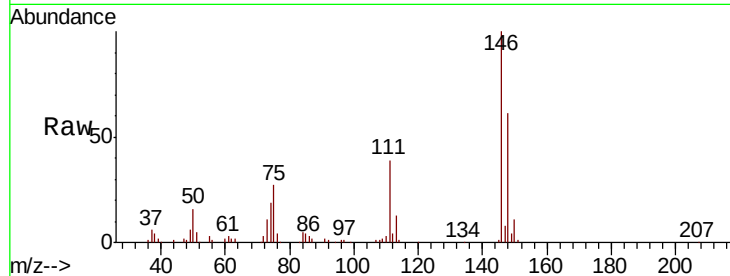




#91
 1,2-Dichlorobenzene
 Concen: 20.608 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

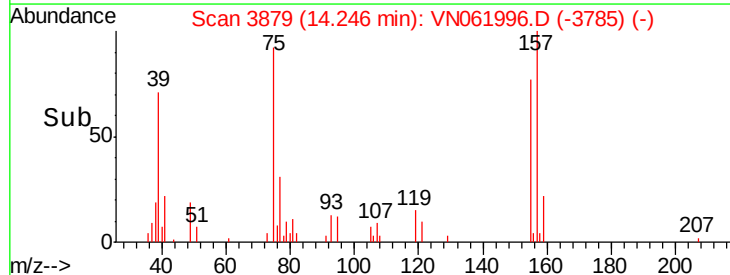
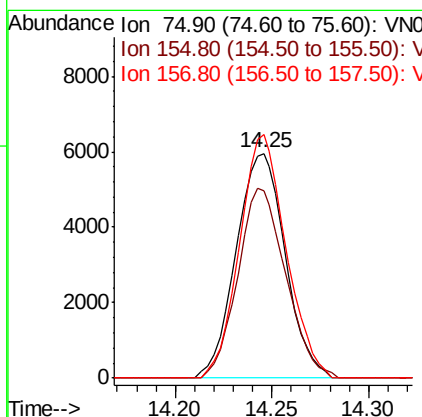
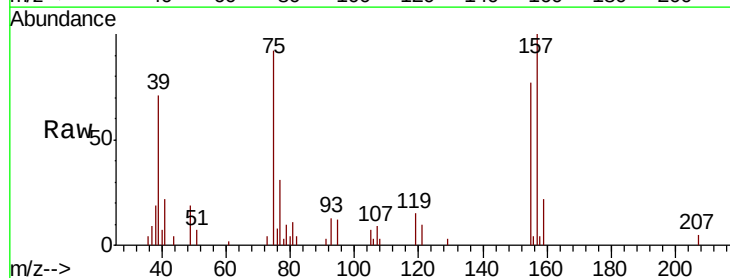
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

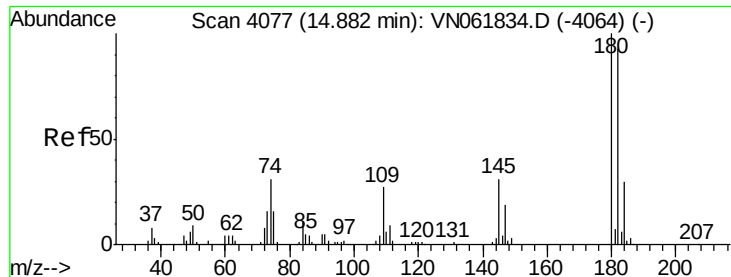
Tot Ion:146 Resp: 80345
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.4 61.2
 148 63.5 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.596 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061996.D
 Acq: 22 Jun 2020 13:53

Tgt Ion: 75 Resp: 10497
 Ion Ratio Lower Upper
 75 100
 155 82.4 44.4 133.2
 157 102.5 57.0 171.2

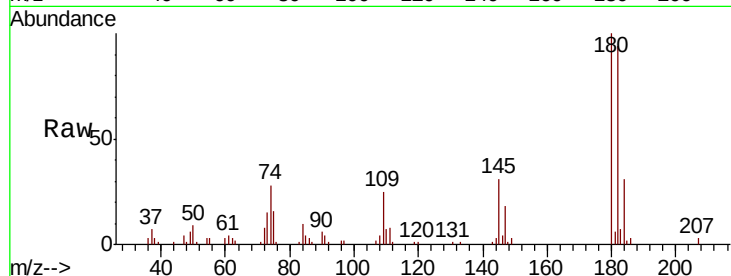




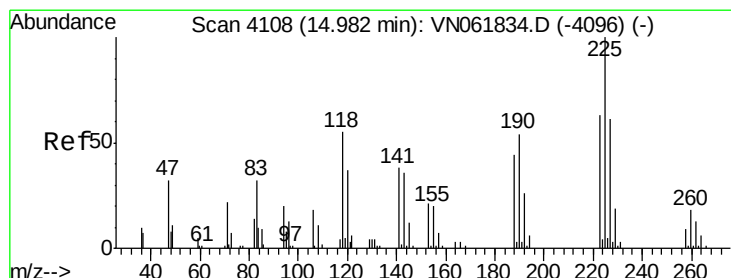
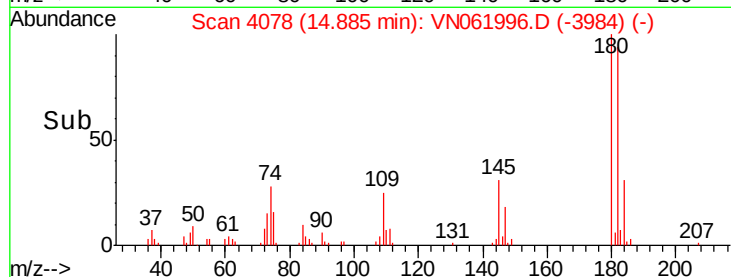
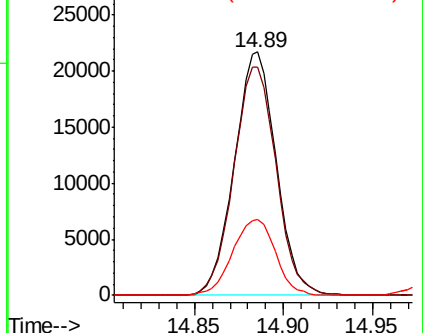
#93
1,2,4-Trichlorobenzene
Concen: 19.179 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tot Ion:180 Resp: 35285
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.2
145 32.1 15.8 47.3

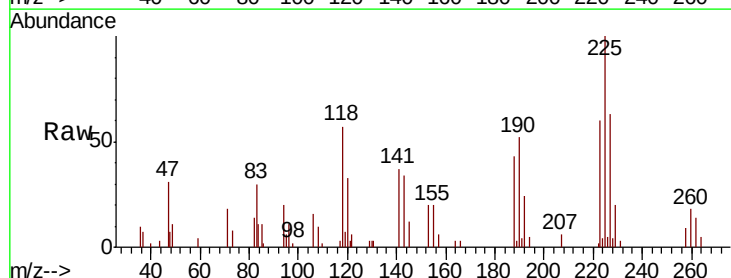


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

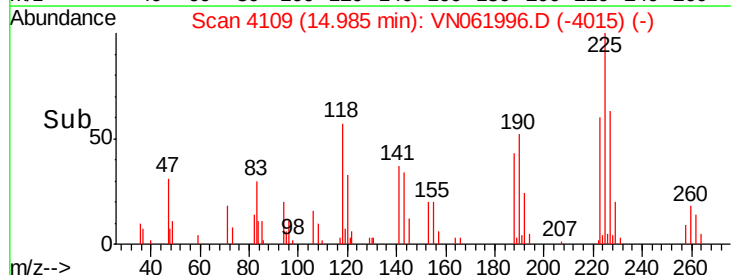
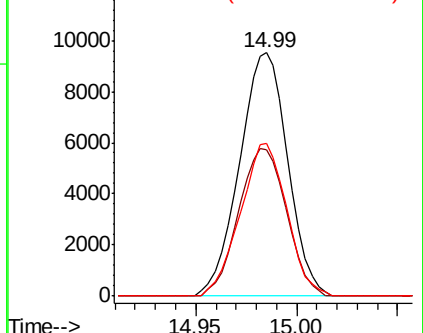


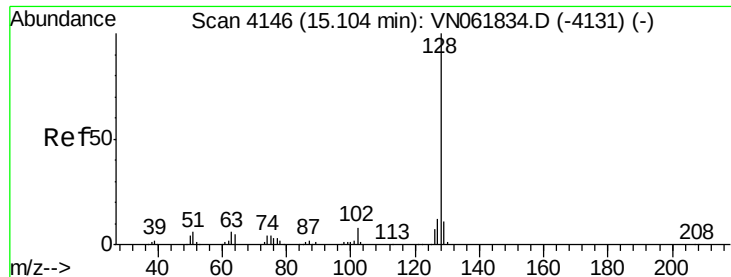
#94
Hexachlorobutadiene
Concen: 21.965 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion:225 Resp: 15916
Ion Ratio Lower Upper
225 100
223 60.4 31.7 95.1
227 60.6 30.1 90.3



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

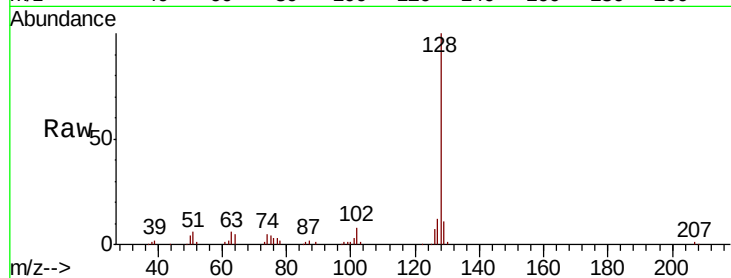




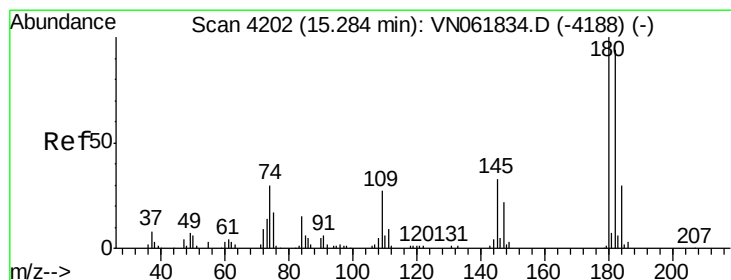
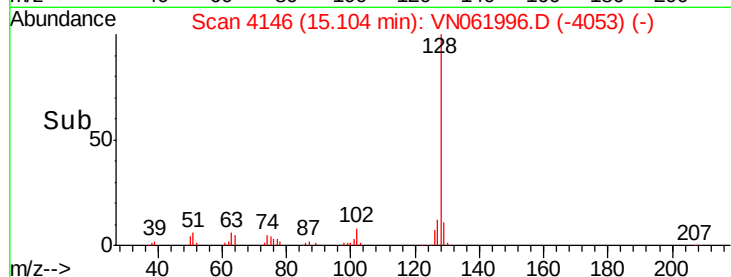
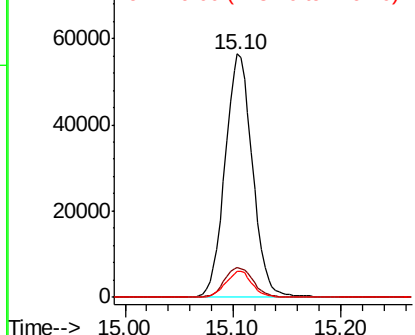
#95
Naphthalene
Concen: 18.568 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tot Ion:128 Resp: 99898
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.3 8.6 13.0

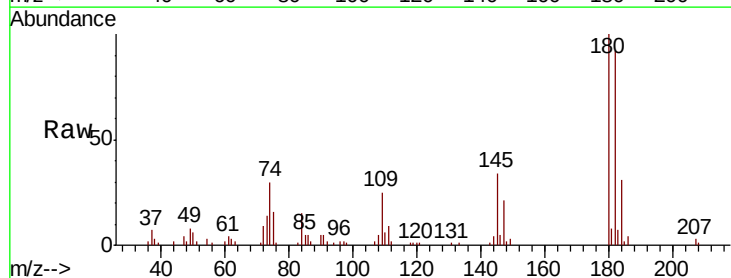


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.352 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061996.D
Acq: 22 Jun 2020 13:53

Tgt Ion:180 Resp: 35260
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.6
145 32.6 16.5 49.5



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

