

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061947.D
 Acq On : 19 Jun 2020 13:13
 Operator : JC/MD
 Sample : VN0619WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Quant Time: Jun 20 07:32:32 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	155952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	264067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	249836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	114453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109015	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	7.55	113	90447	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	10.06	98	351291	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.37	95	116722	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41607	20.676	ug/l	97
3) Chloromethane	2.03	50	42257	19.521	ug/l	99
4) Vinyl Chloride	2.16	62	51624	20.005	ug/l	98
5) Bromomethane	2.53	94	36814	18.577	ug/l	97
6) Chloroethane	2.67	64	34746	19.895	ug/l	98
7) Trichlorofluoromethane	2.98	101	57028	18.501	ug/l	94
8) Diethyl Ether	3.37	74	22293	21.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32574	20.598	ug/l	98
10) Methyl Iodide	3.91	142	37272	22.770	ug/l	100
11) Tert butyl alcohol	4.73	59	29514	101.974	ug/l	98
12) 1,1-Dichloroethene	3.70	96	31803	20.071	ug/l	98
13) Acrolein	3.57	56	15982	92.390	ug/l	100
14) Allyl chloride	4.27	41	42566	20.240	ug/l	98
15) Acrylonitrile	4.93	53	77954	108.699	ug/l	99
16) Acetone	3.77	43	62616	101.352	ug/l	99
17) Carbon Disulfide	4.01	76	87071	18.780	ug/l	99
18) Methyl Acetate	4.27	43	37919	21.319	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	108009	20.472	ug/l	98
20) Methylene Chloride	4.50	84	38727	19.240	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35036	19.250	ug/l	97
22) Diisopropyl ether	5.90	45	96595	20.083	ug/l	99
23) Vinyl Acetate	5.84	43	385113	101.804	ug/l	99
24) 1,1-Dichloroethane	5.80	63	63958	20.314	ug/l	99
25) 2-Butanone	6.79	43	93737	103.993	ug/l	100
26) 2,2-Dichloropropane	6.77	77	53226	20.093	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	41203	19.620	ug/l	98
28) Bromochloromethane	7.15	49	29847	21.291	ug/l	97
29) Tetrahydrofuran	7.16	42	61299	103.335	ug/l	99
30) Chloroform	7.33	83	65987	19.610	ug/l	97
31) Cyclohexane	7.61	56	52091	18.899	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	55106	19.229	ug/l	99
36) 1,1-Dichloropropene	7.75	75	46435	19.279	ug/l	98
37) Ethyl Acetate	6.88	43	39972	21.252	ug/l	100
38) Carbon Tetrachloride	7.73	117	47111	19.752	ug/l	94

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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	52719	20.327	ug/l	99
40) Benzene	8.00	78	145355	19.922	ug/l	99
41) Methacrylonitrile	7.17	41	57811	71.879	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	51268	20.608	ug/l	99
43) Isopropyl Acetate	8.12	43	65798	20.758	ug/l #	92
44) Trichloroethene	8.80	130	38571	20.087	ug/l	93
45) 1,2-Dichloropropane	9.08	63	36979	20.624	ug/l	97
46) Dibromomethane	9.17	93	25695	20.350	ug/l	100
47) Bromodichloromethane	9.37	83	51365	19.867	ug/l	99
48) Methyl methacrylate	9.17	41	28804	19.982	ug/l	100
49) 1,4-Dioxane	9.16	88	13658	412.698	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	197985	105.700	ug/l	99
52) Toluene	10.12	92	94319	20.584	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	55708	20.297	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	59943	20.108	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	37550	20.828	ug/l	98
56) Ethyl methacrylate	10.40	69	48780	19.588	ug/l	97
57) 1,3-Dichloropropane	10.68	76	63509	20.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	78730	82.744	ug/l	99
59) 2-Hexanone	10.72	43	139996	101.943	ug/l	99
60) Dibromochloromethane	10.87	129	40711	20.237	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37786	20.072	ug/l	98
64) Tetrachloroethene	10.60	164	31836	19.993	ug/l	99
65) Chlorobenzene	11.41	112	101050	19.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36667	19.943	ug/l	98
67) Ethyl Benzene	11.48	91	170630	19.305	ug/l	97
68) m/p-Xylenes	11.60	106	134319	39.410	ug/l	99
69) o-Xylene	11.92	106	64678	19.889	ug/l	99
70) Styrene	11.94	104	106138	19.492	ug/l	99
71) Bromoform	12.10	173	26221	19.559	ug/l #	99
73) Isopropylbenzene	12.22	105	167113	20.547	ug/l	99
74) N-amyl acetate	12.04	43	53114	19.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	54814	20.729	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	65872	29.316	ug/l #	100
77) Bromobenzene	12.50	156	41546	20.248	ug/l	98
78) n-propylbenzene	12.56	91	189573	20.427	ug/l	99
79) 2-Chlorotoluene	12.65	91	112928	20.261	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	139375	20.713	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16959	20.585	ug/l	99
82) 4-Chlorotoluene	12.75	91	116120	20.162	ug/l	99
83) tert-Butylbenzene	12.97	119	117395	20.580	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	136030	20.480	ug/l	99
85) sec-Butylbenzene	13.15	105	153238	20.523	ug/l	100
86) p-Isopropyltoluene	13.26	119	136301	20.486	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	73871	19.739	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	74441	19.433	ug/l	99
89) n-Butylbenzene	13.59	91	110148	19.824	ug/l	99
90) Hexachloroethane	13.85	117	24661	20.249	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	72744	20.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9047	21.075	ug/l	94

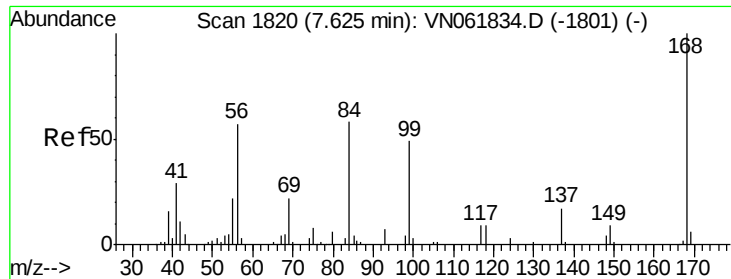
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	33046	19.438	ug/l	99
94) Hexachlorobutadiene	14.98	225	13994	20.900	ug/l	99
95) Naphthalene	15.10	128	93887	18.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33301	19.779	ug/l	97

(#) = 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: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

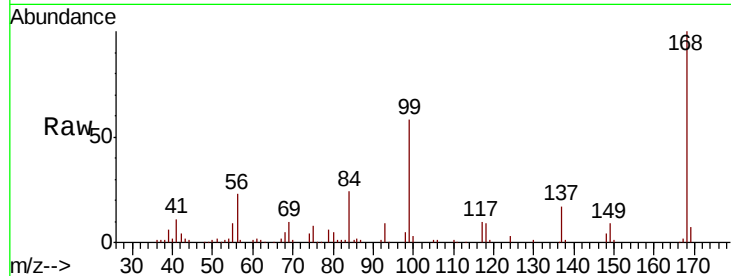
VN0619WBSD01

Tot Ion:168 Resp: 155952

Ion Ratio Lower Upper

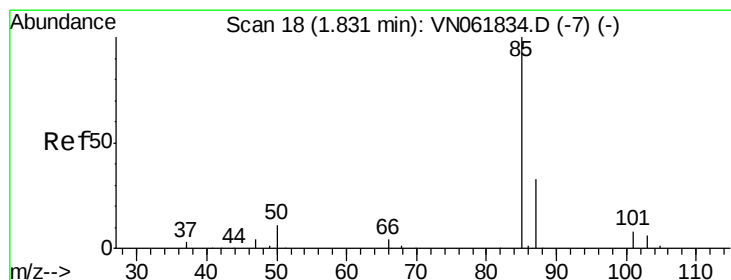
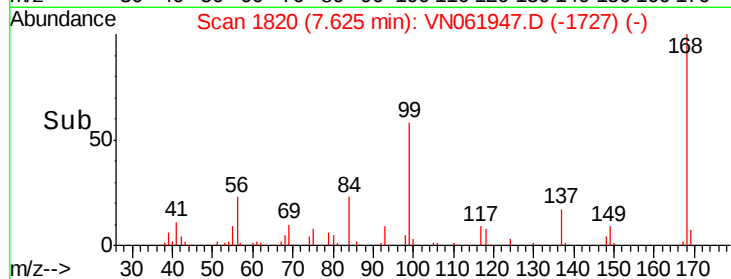
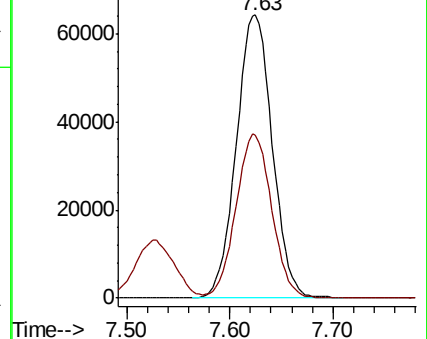
168 100

99 57.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.676 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061947.D

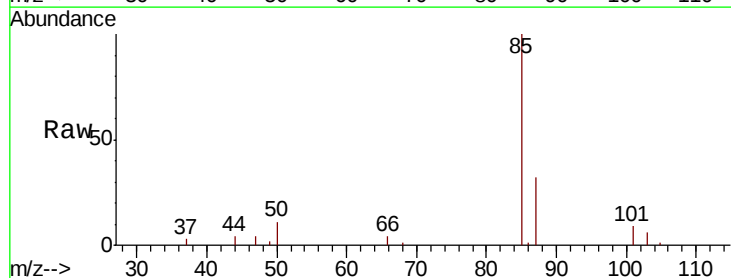
Acq: 19 Jun 2020 13:13

Tgt Ion: 85 Resp: 41607

Ion Ratio Lower Upper

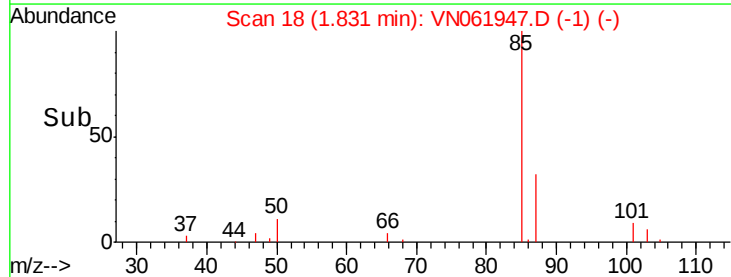
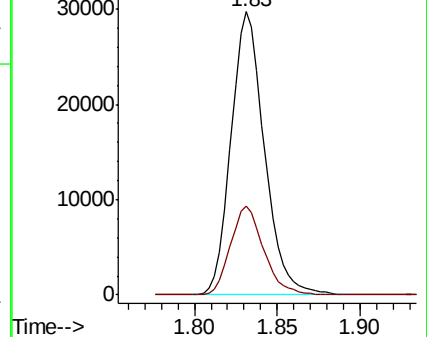
85 100

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





#3

Chloromethane

Concen: 19.521 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

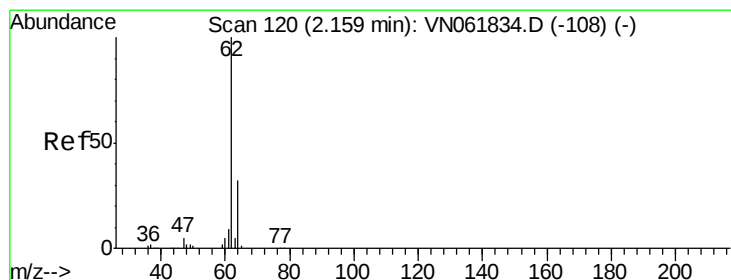
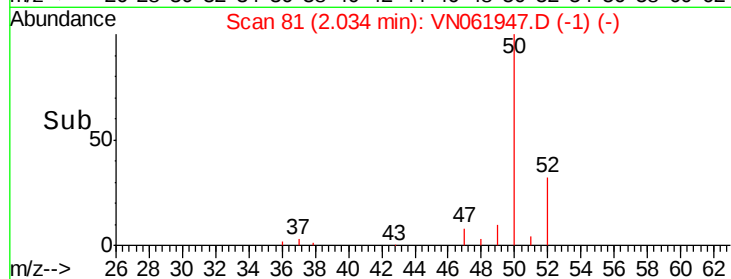
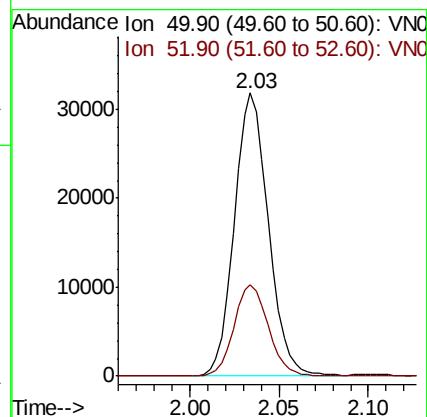
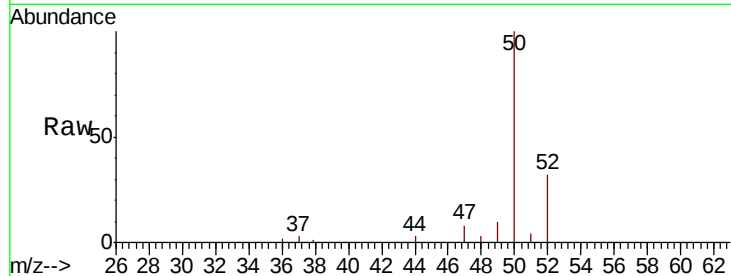
VN0619WBSD01

Tot Ion: 50 Resp: 42257

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 20.005 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061947.D

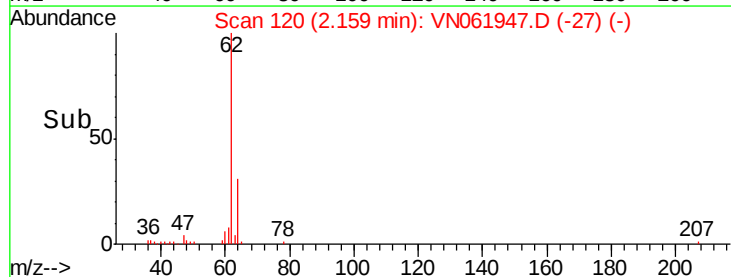
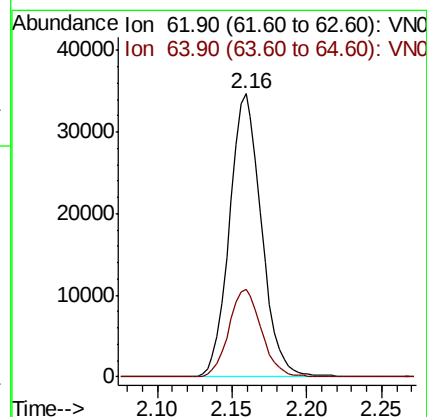
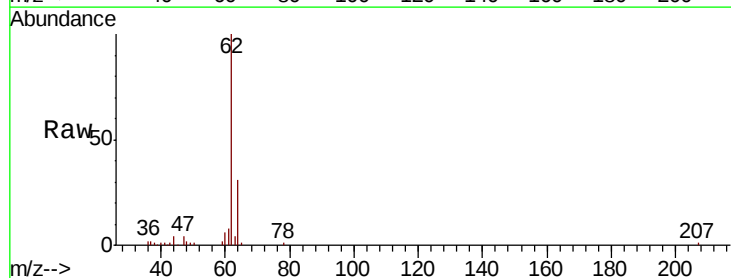
Acq: 19 Jun 2020 13:13

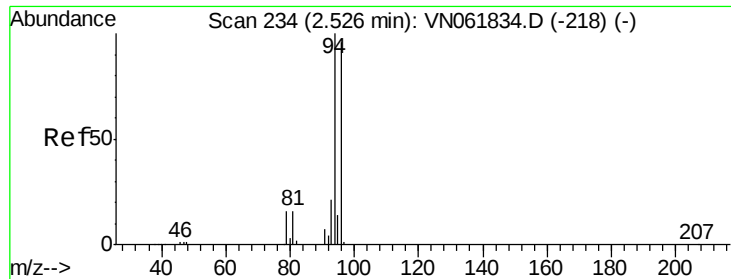
Tgt Ion: 62 Resp: 51624

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 18.577 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

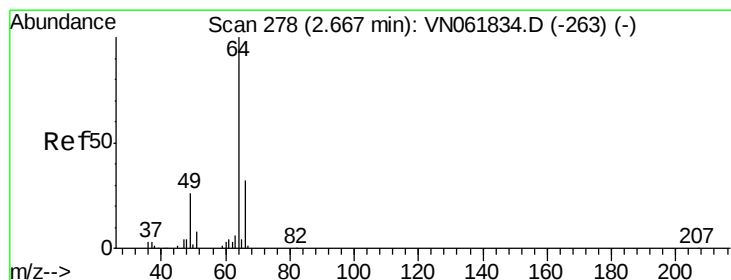
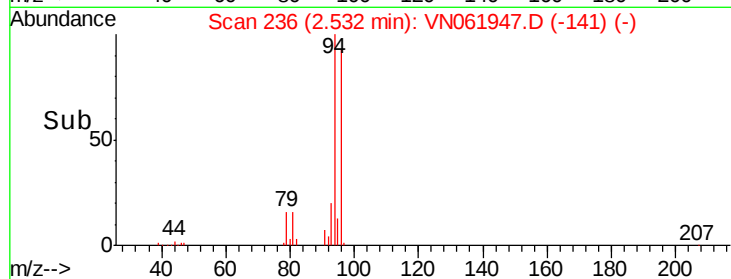
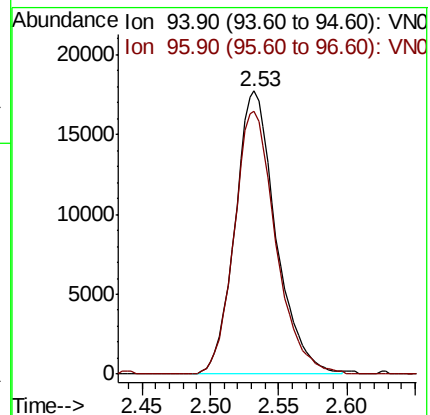
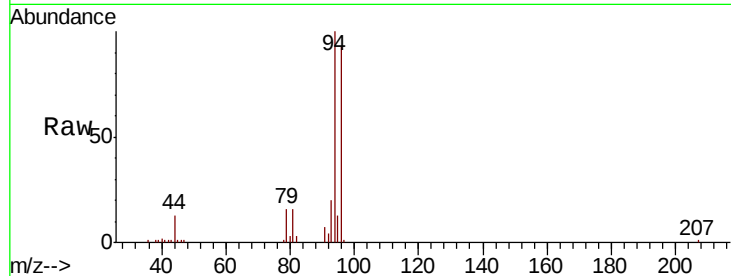
VN0619WBSD01

Tot Ion: 94 Resp: 36814

Ion Ratio Lower Upper

94 100

96 93.0 76.7 115.1



#6

Chloroethane

Concen: 19.895 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061947.D

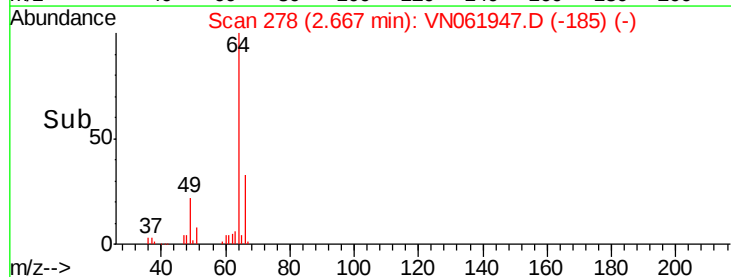
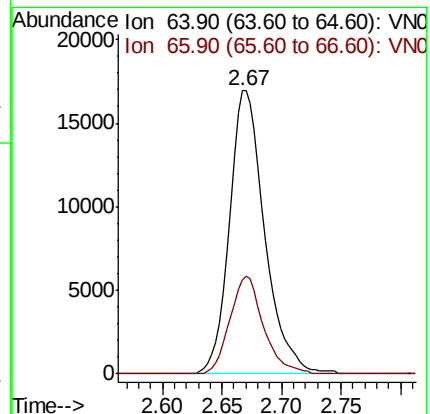
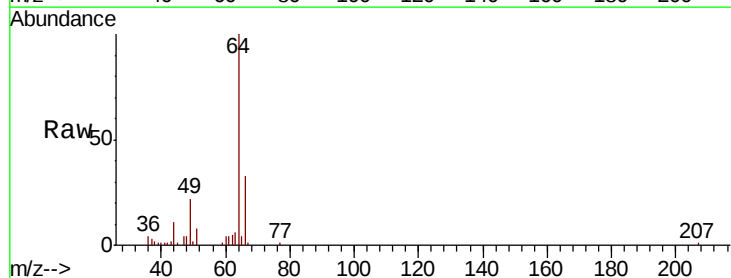
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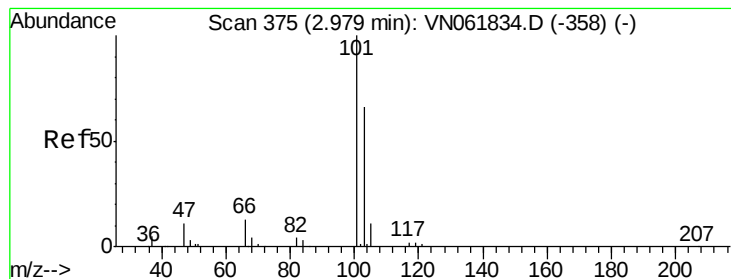
Tgt Ion: 64 Resp: 34746

Ion Ratio Lower Upper

64 100

66 33.2 25.4 38.2



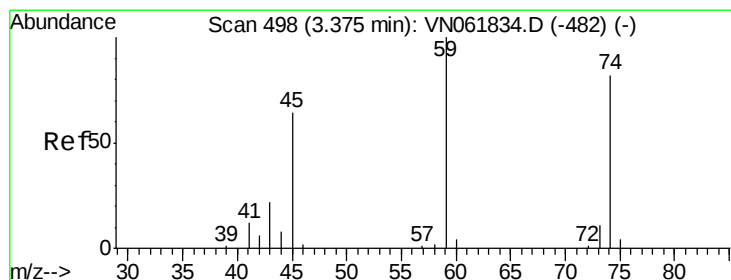
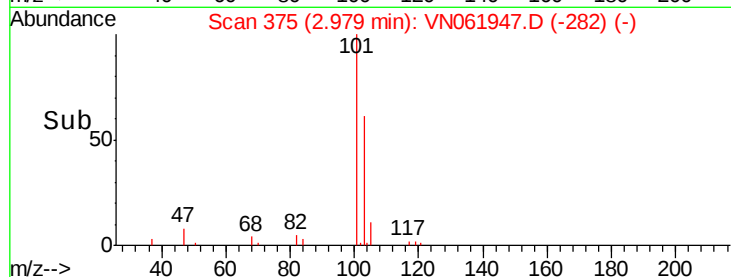
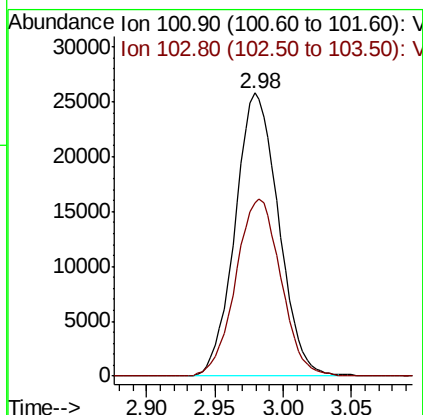
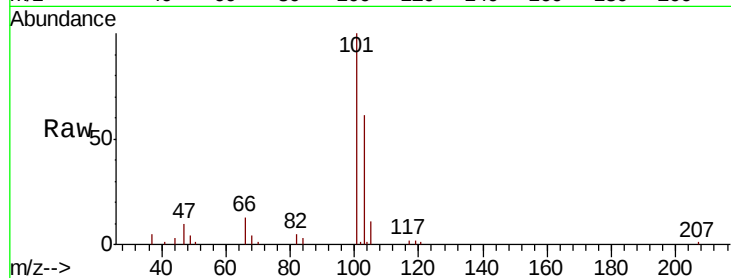


#7

Trichlorofluoromethane
 Concen: 18.501 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Instrument :
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 ClientSampleId :
 VN0619WBSD01

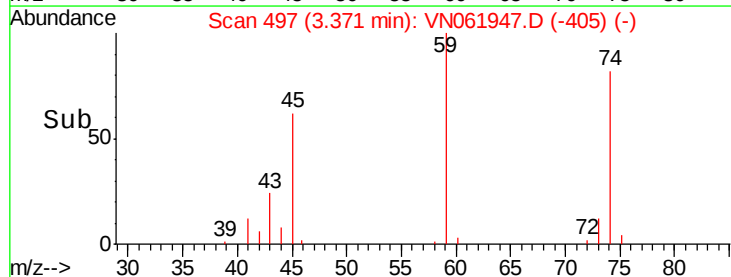
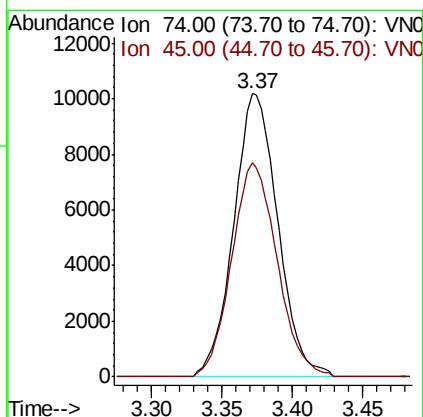
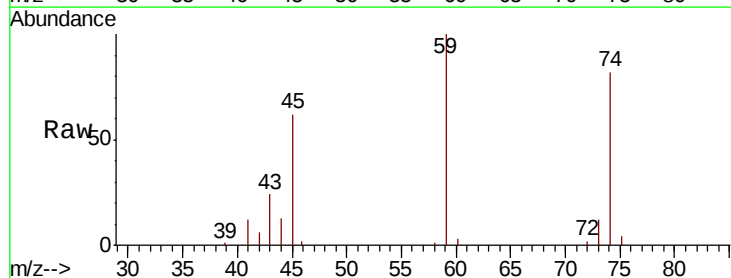
Tot Ion:101 Resp: 57028
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.8 79.2

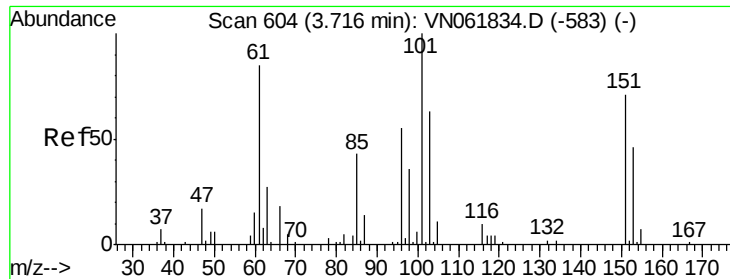


#8

Diethyl Ether
 Concen: 21.512 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion: 74 Resp: 22293
 Ion Ratio Lower Upper
 74 100
 45 77.8 39.1 117.3

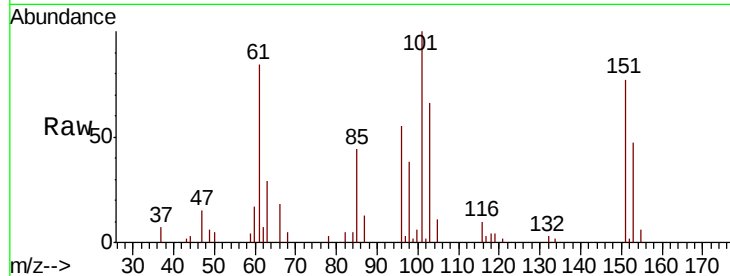




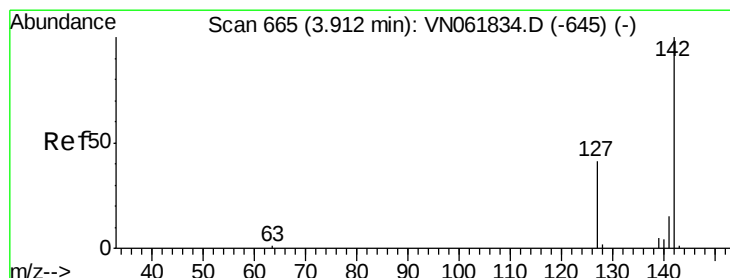
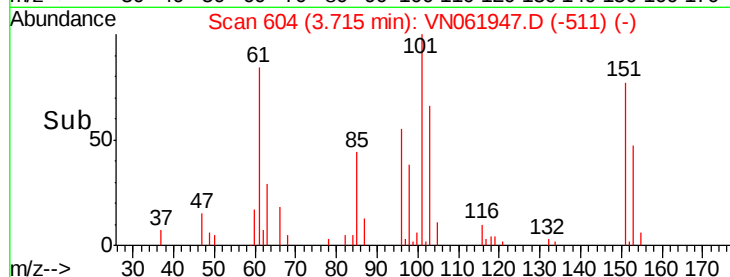
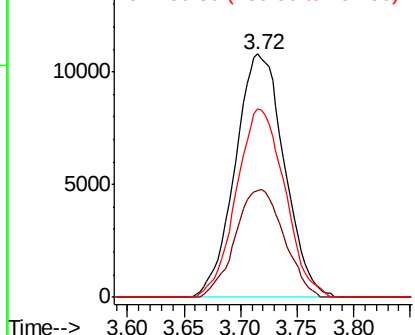
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.598 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion:101 Resp: 32574
Ion Ratio Lower Upper
101 100
85 43.9 35.0 52.6
151 76.2 59.2 88.8

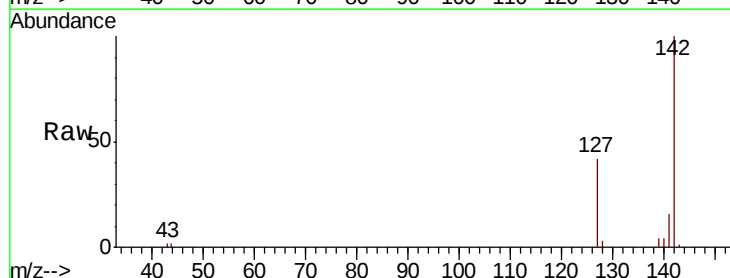


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

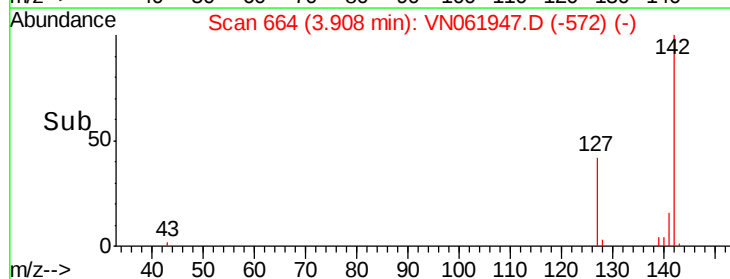
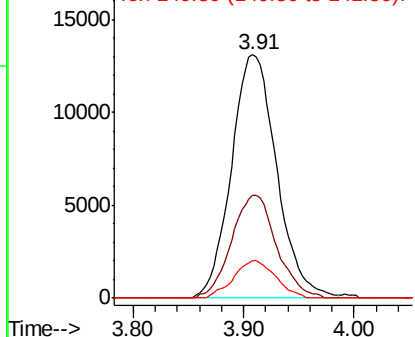


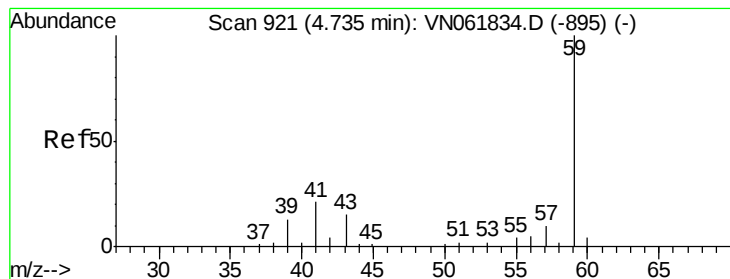
#10
Methyl Iodide
Concen: 22.770 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion:142 Resp: 37272
Ion Ratio Lower Upper
142 100
127 41.9 33.4 50.0
141 14.4 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



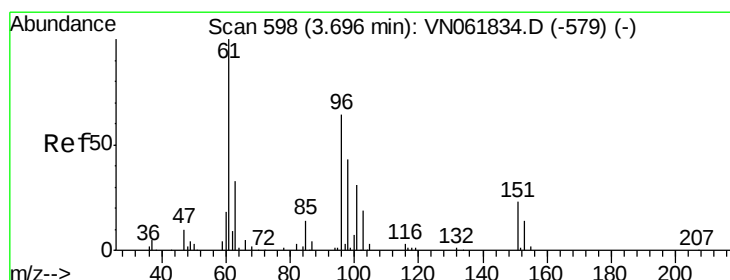
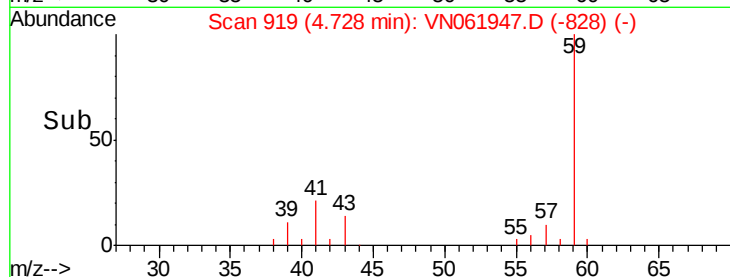
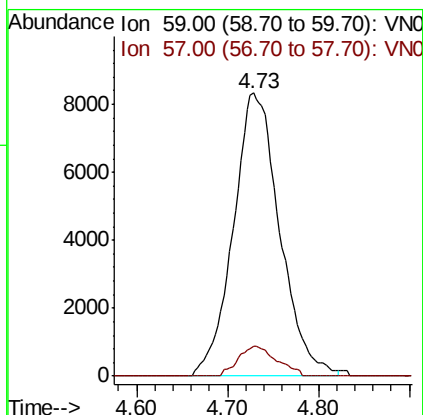
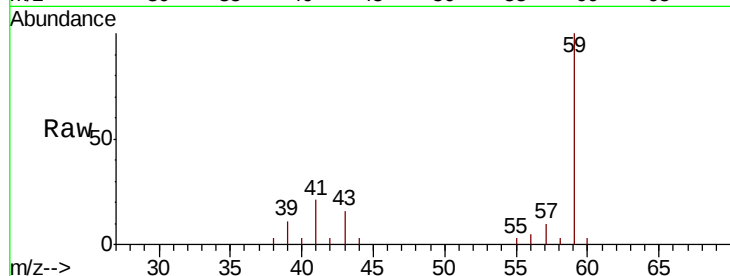


#11

Tert butyl alcohol
 Concen: 101.974 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

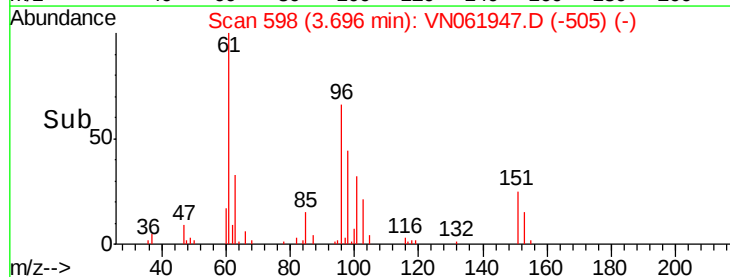
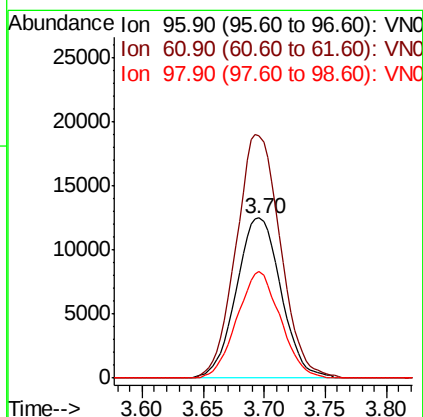
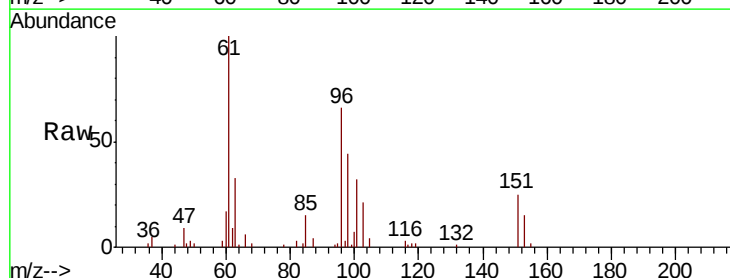
Tot Ion: 59 Resp: 29514
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.7 11.5

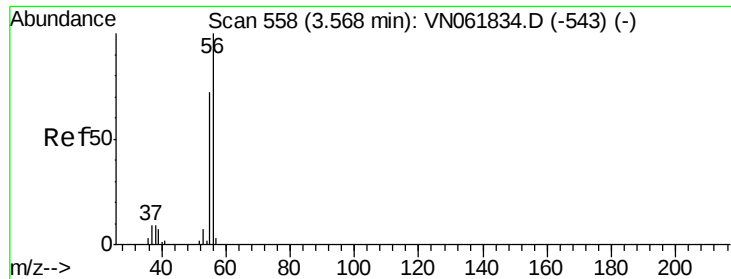


#12

1,1-Dichloroethene
 Concen: 20.071 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion: 96 Resp: 31803
 Ion Ratio Lower Upper
 96 100
 61 151.7 124.3 186.5
 98 66.9 53.1 79.7





#13

Acrolein

Concen: 92.390 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

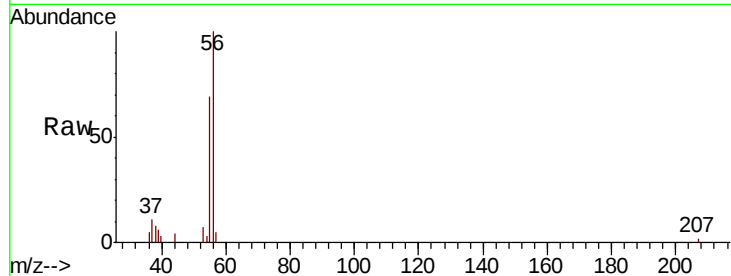
VN0619WBSD01

Tot Ion: 56 Resp: 15982

Ion Ratio Lower Upper

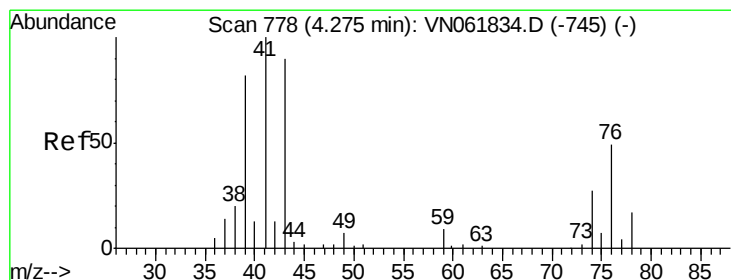
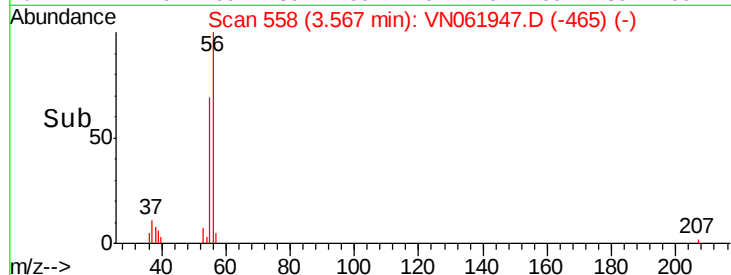
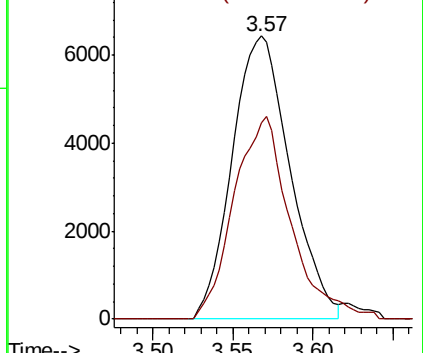
56 100

55 70.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)



#14

Allyl chloride

Concen: 20.240 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

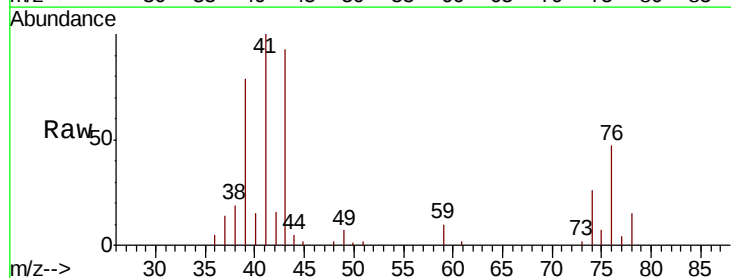
Tgt Ion: 41 Resp: 42566

Ion Ratio Lower Upper

41 100

39 73.8 60.2 90.2

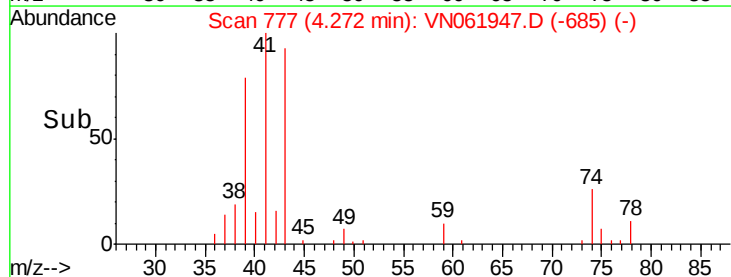
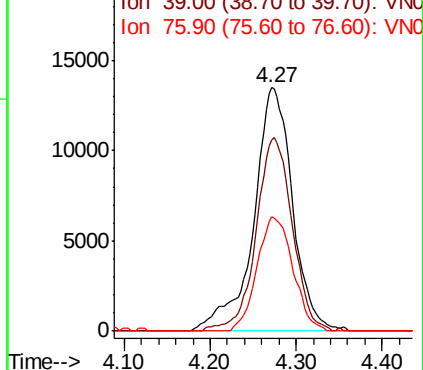
76 43.1 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)





#15

Acrylonitrile

Concen: 108.699 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

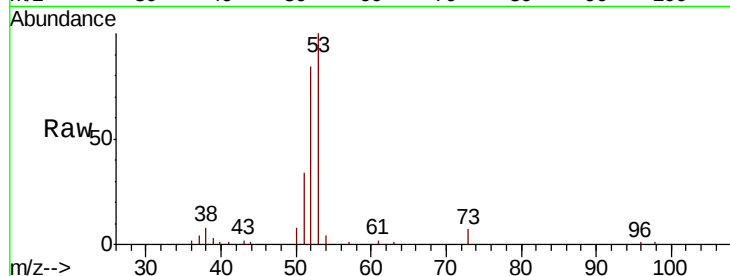
Tot Ion: 53 Resp: 77954

Ion Ratio Lower Upper

53 100

52 80.6 65.2 97.8

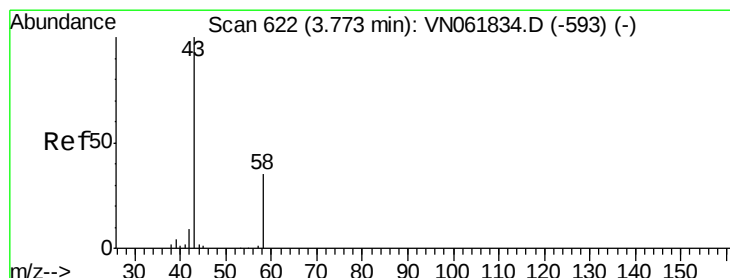
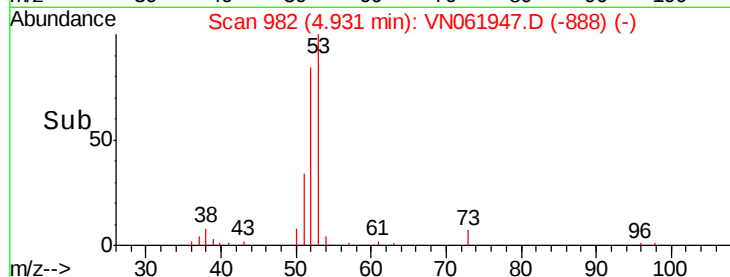
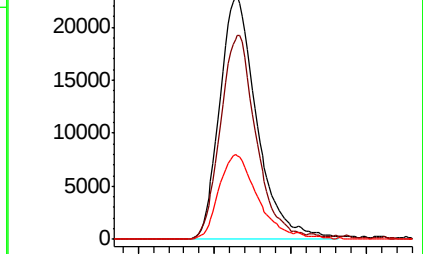
51 35.5 29.3 43.9



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: 101.352 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061947.D

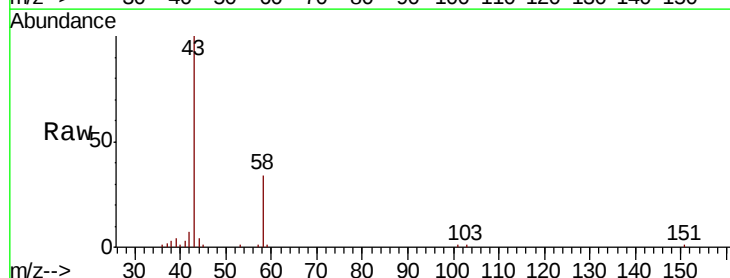
Acq: 19 Jun 2020 13:13

Tgt Ion: 43 Resp: 62616

Ion Ratio Lower Upper

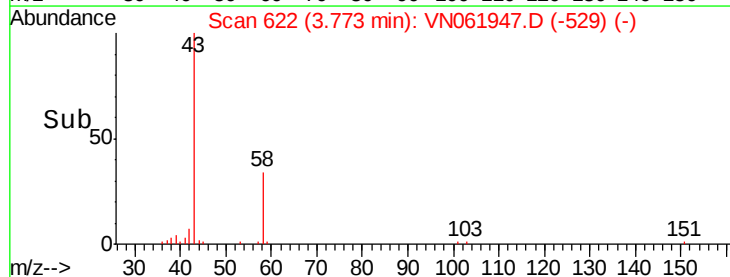
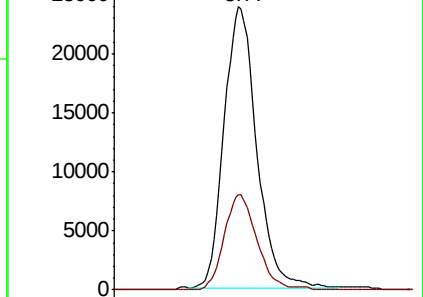
43 100

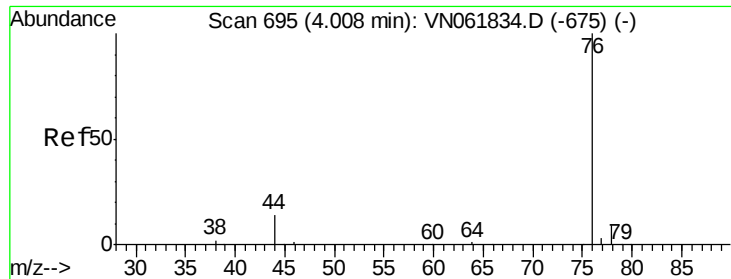
58 34.1 27.8 41.8



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

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

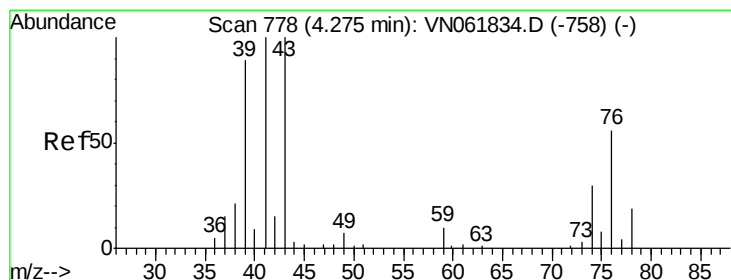
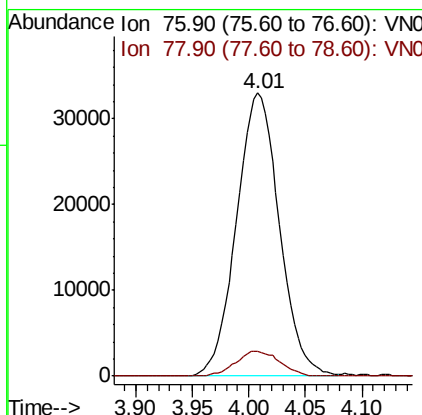
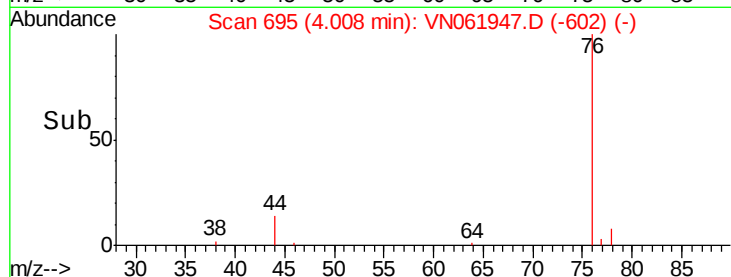
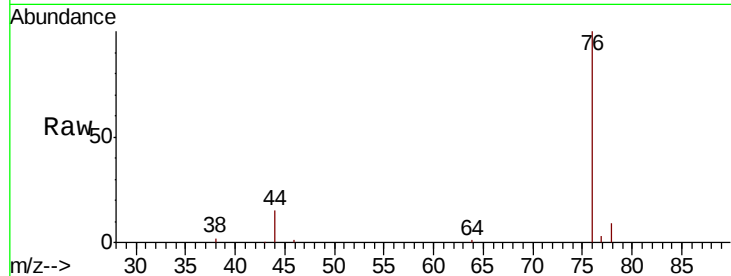




#17
Carbon Disulfide
Concen: 18.780 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

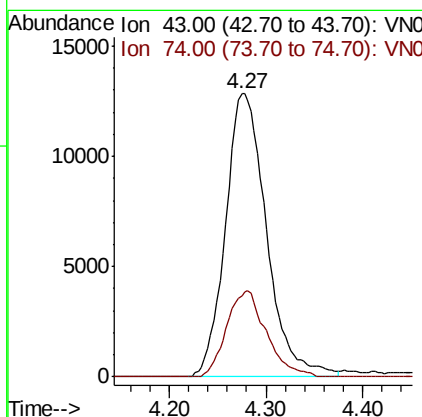
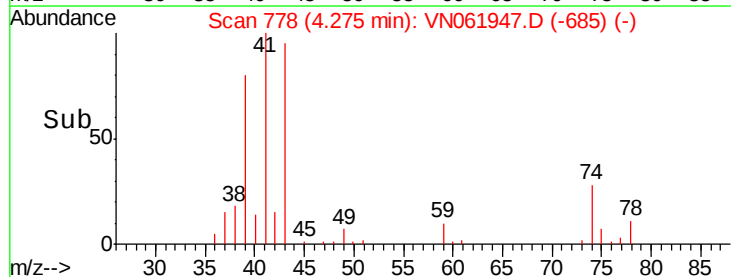
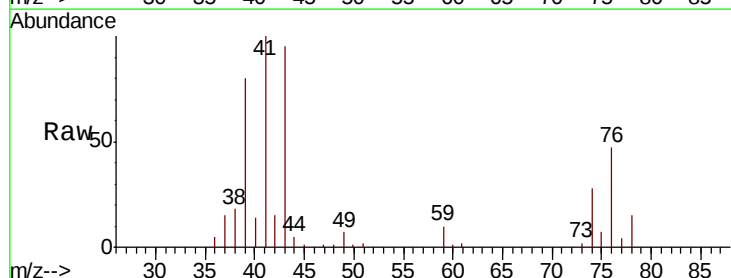
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

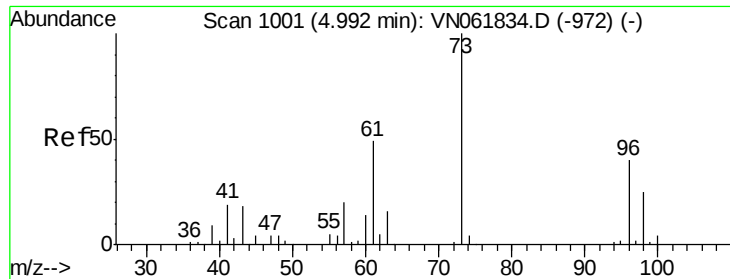
Tot Ion: 76 Resp: 87071
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 21.319 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 43 Resp: 37919
Ion Ratio Lower Upper
43 100
74 29.5 23.0 34.4

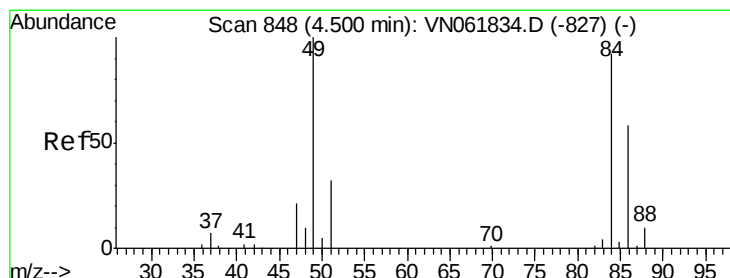
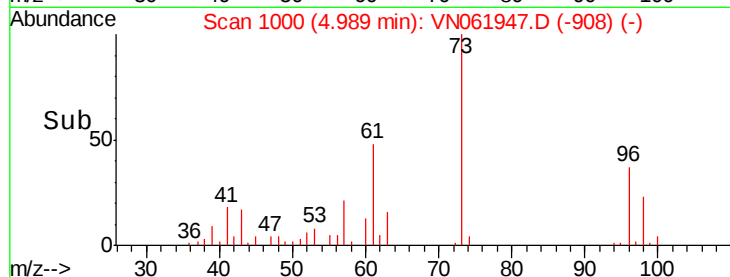
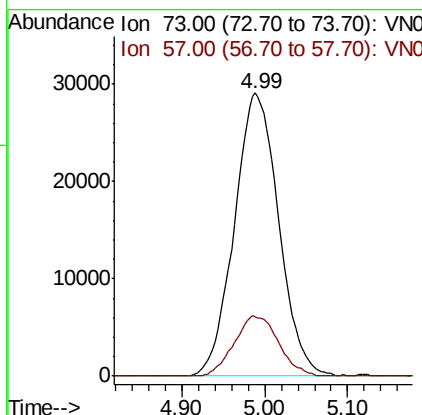
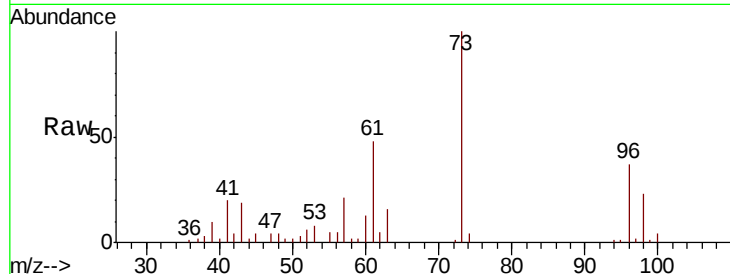




#19
Methvl tert-butvl Ether
Concen: 20.472 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

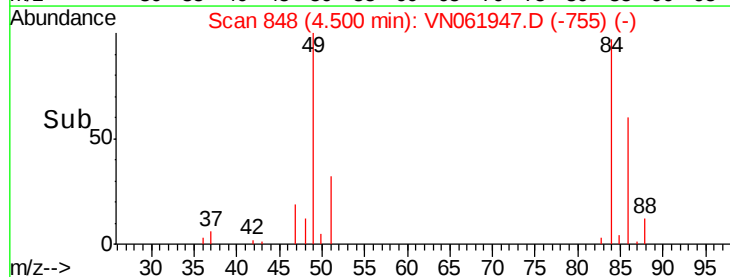
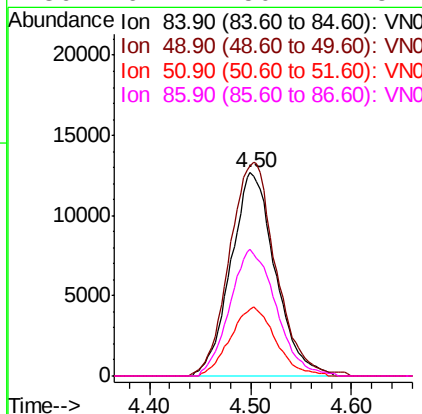
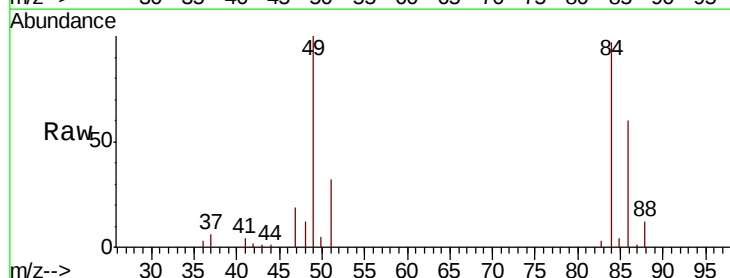
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

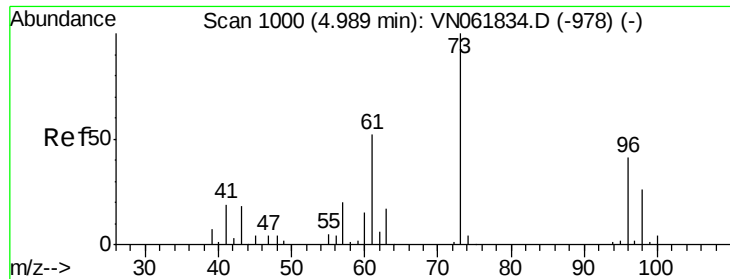
Tot Ion: 73 Resp: 108009
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.4



#20
Methylene Chloride
Concen: 19.240 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 84 Resp: 38727
Ion Ratio Lower Upper
84 100
49 103.6 87.0 130.4
51 33.0 27.8 41.6
86 62.2 50.2 75.2

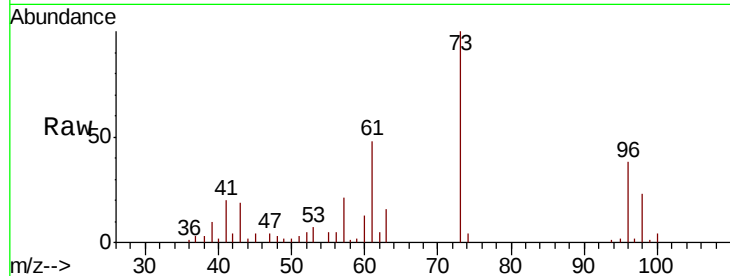




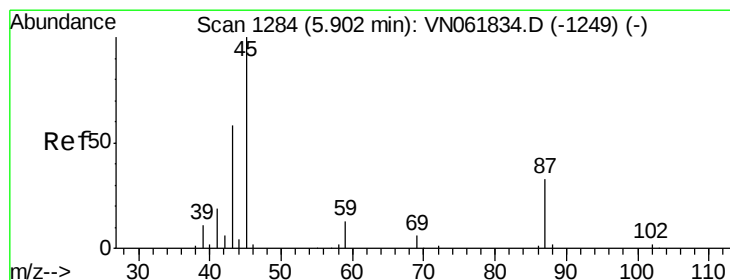
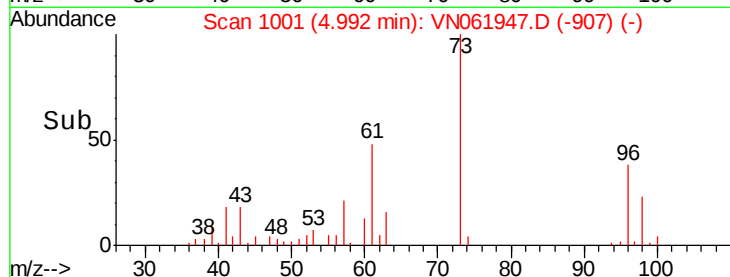
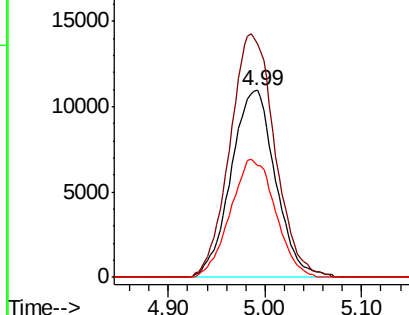
#21
trans-1,2-Dichloroethene
Concen: 19.250 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion: 96 Resp: 35036
Ion Ratio Lower Upper
96 100
61 125.2 102.2 153.4
98 60.1 51.2 76.8

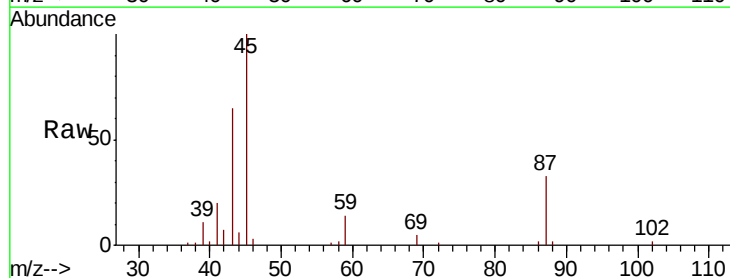


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

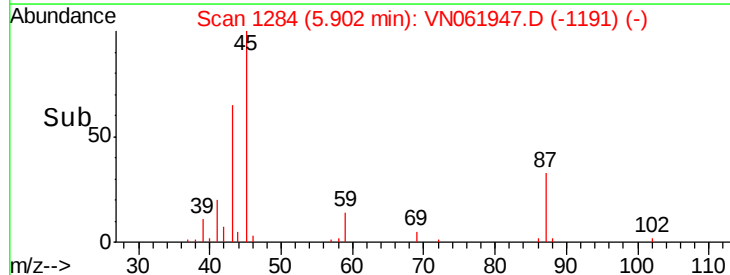
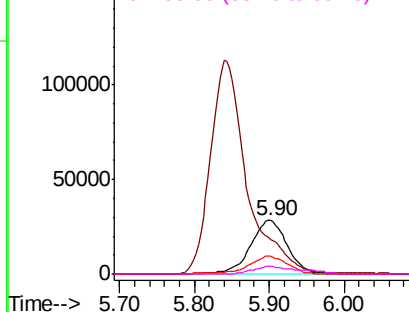


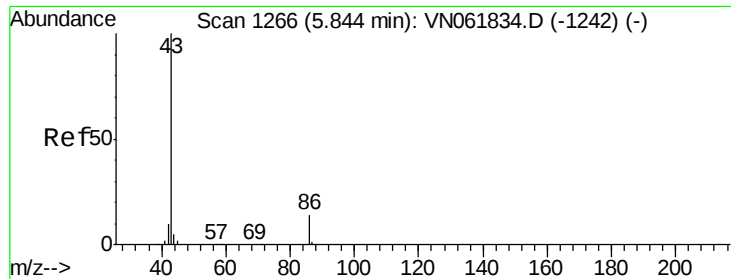
#22
Diisopropyl ether
Concen: 20.083 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 45 Resp: 96595
Ion Ratio Lower Upper
45 100
43 62.3 49.4 74.2
87 32.7 27.4 41.0
59 13.9 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: 101.804 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

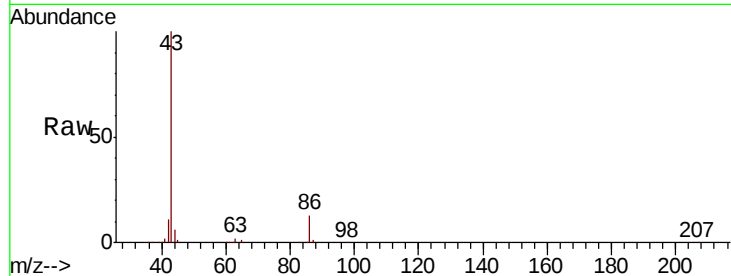
VN0619WBSD01

Tot Ion: 43 Resp: 385113

Ion Ratio Lower Upper

43 100

86 13.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

5.84

120000

100000

80000

60000

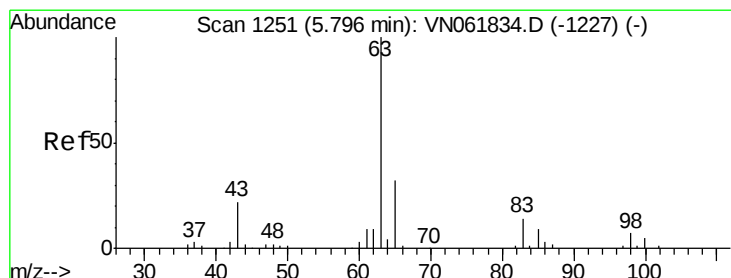
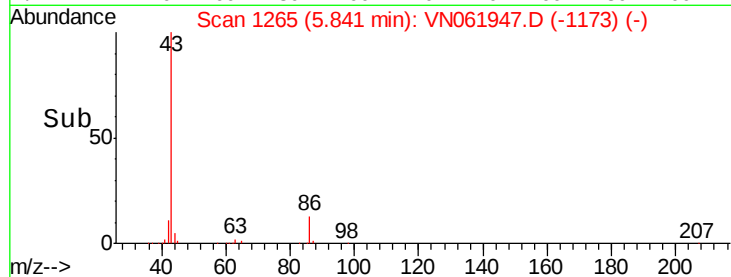
40000

20000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.314 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

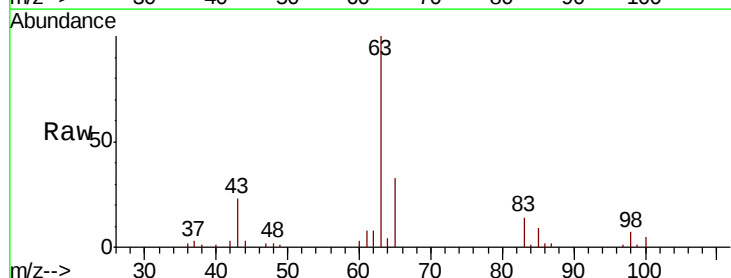
Tgt Ion: 63 Resp: 63958

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 5.0 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

5.80

25000

20000

15000

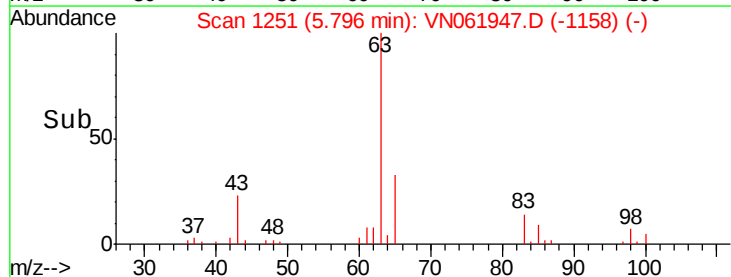
10000

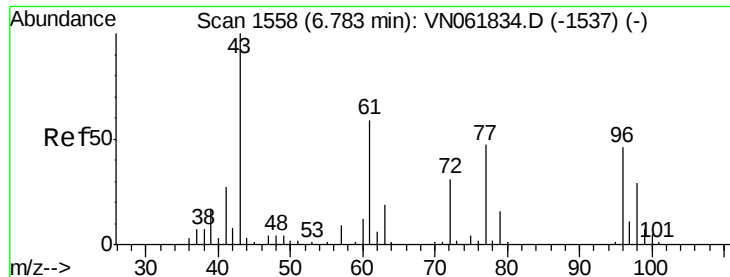
5000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 103.993 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

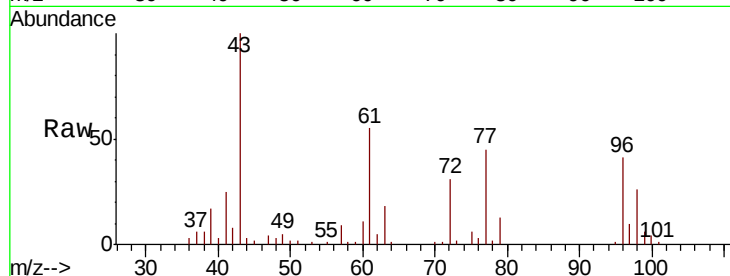
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion: 43 Resp: 93737

Ion Ratio Lower Upper

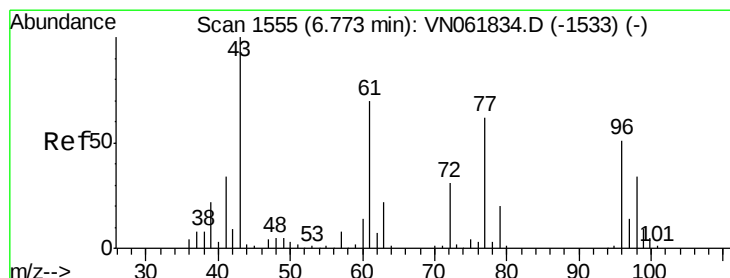
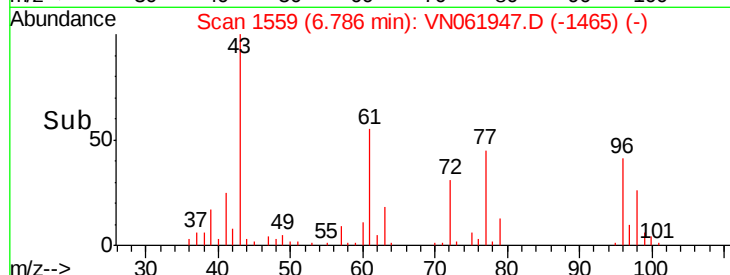
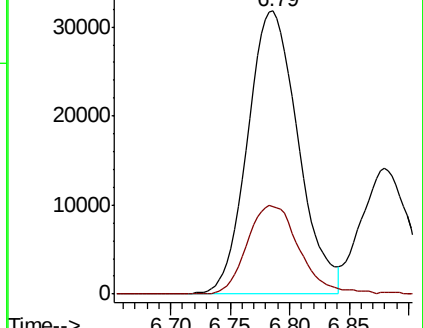
43 100

72 30.9 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: 20.093 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061947.D

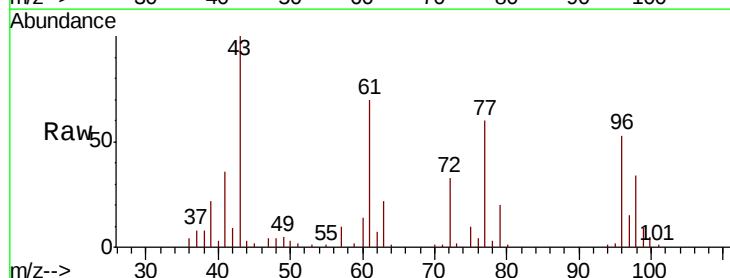
Acq: 19 Jun 2020 13:13

Tgt Ion: 77 Resp: 53226

Ion Ratio Lower Upper

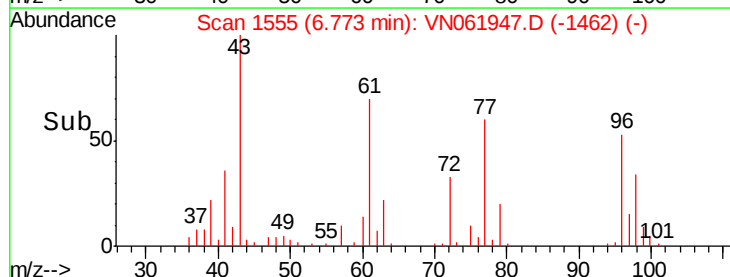
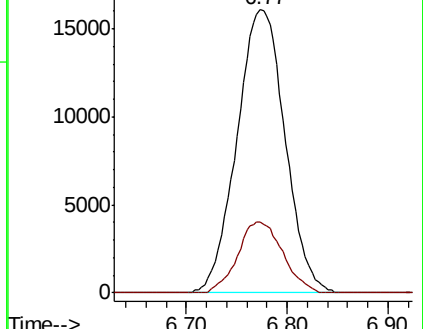
77 100

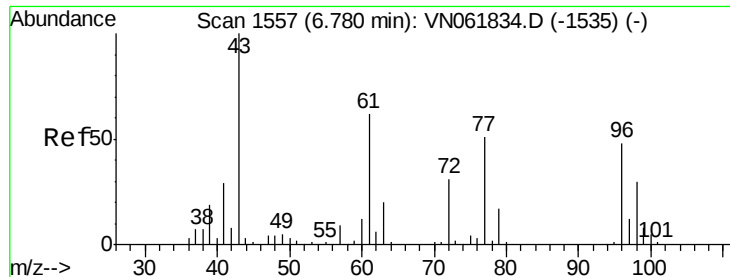
97 23.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061834.D (-1533) (-)

Ion 96.90 (96.60 to 97.60): VN061834.D (-1533) (-)





#27

cis-1,2-Dichloroethene

Concen: 19.620 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

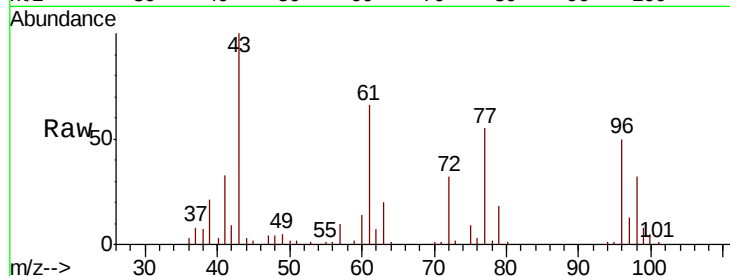
Tot Ion: 96 Resp: 41203

Ion Ratio Lower Upper

96 100

61 136.4 0.0 265.6

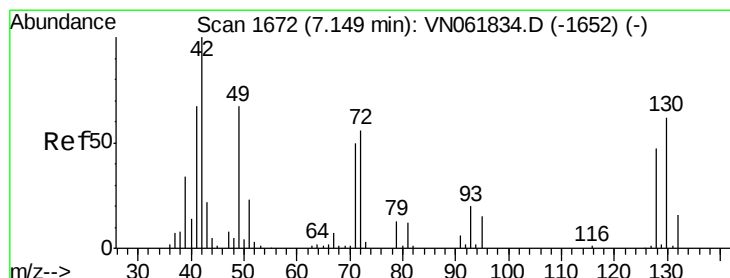
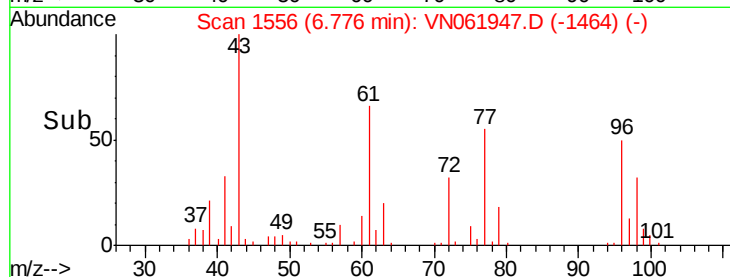
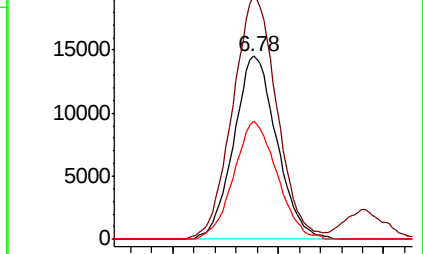
98 64.9 0.0 128.2



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: 21.291 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

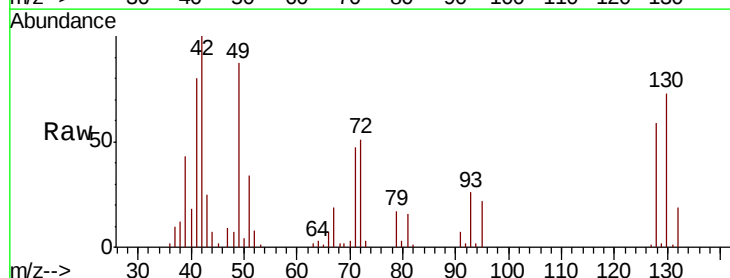
Tgt Ion: 49 Resp: 29847

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

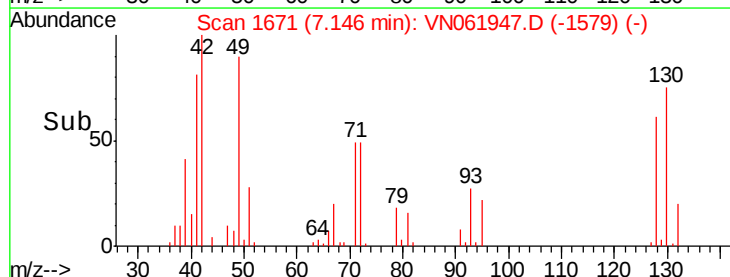
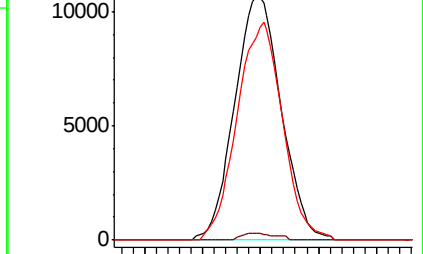
130 87.2 72.2 108.2

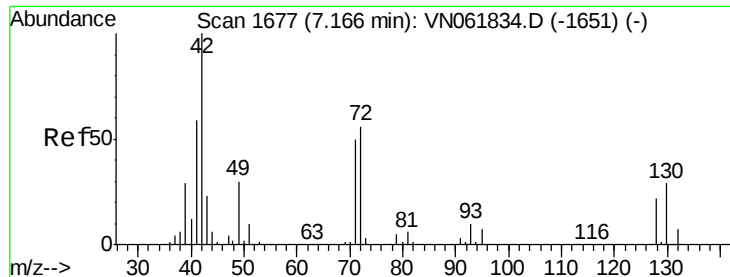


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

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

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

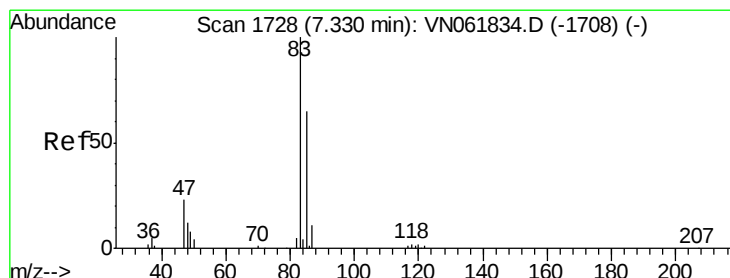
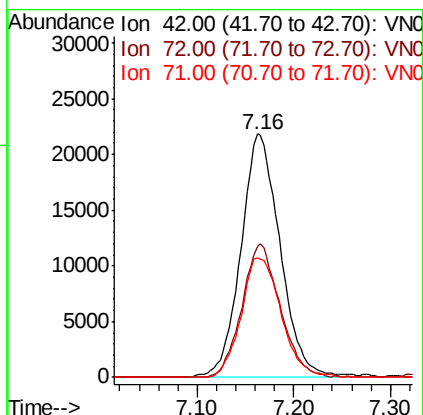
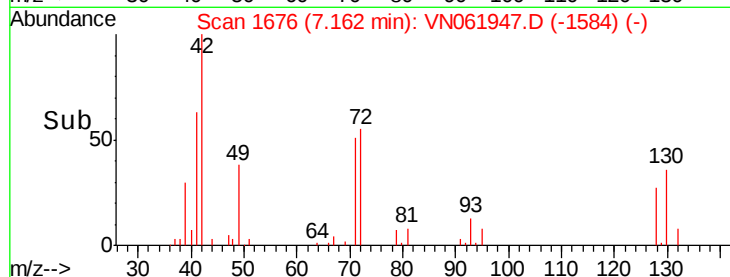
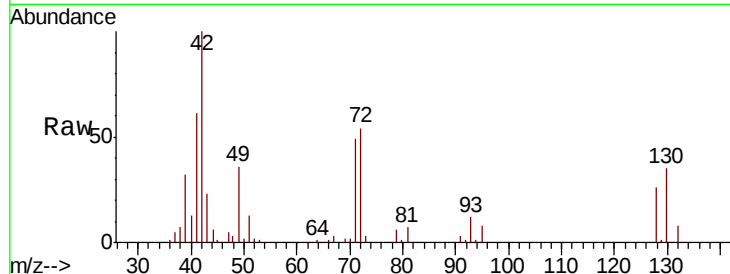




#29
Tetrahydrofuran
Concen: 103.335 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

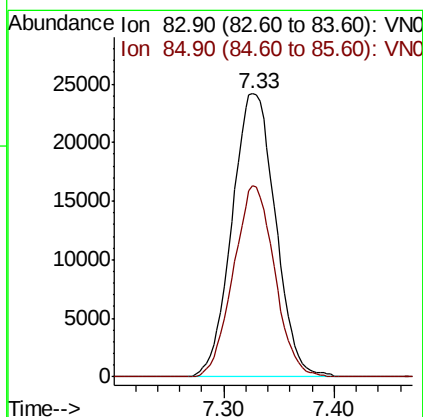
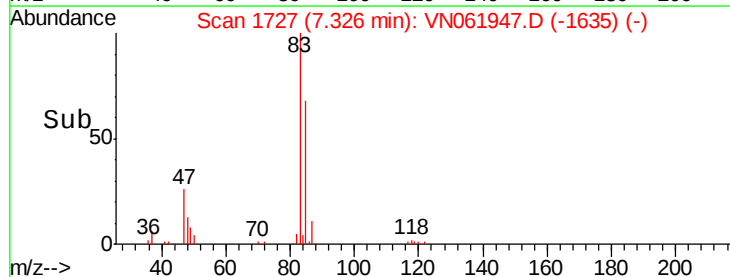
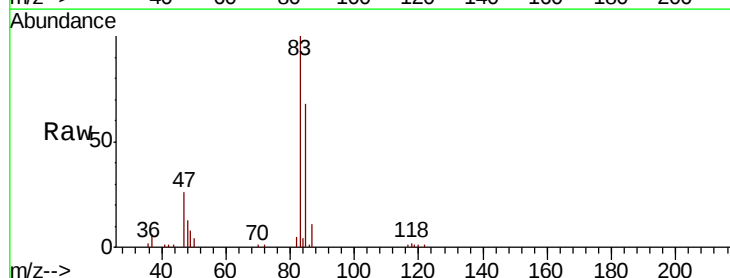
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

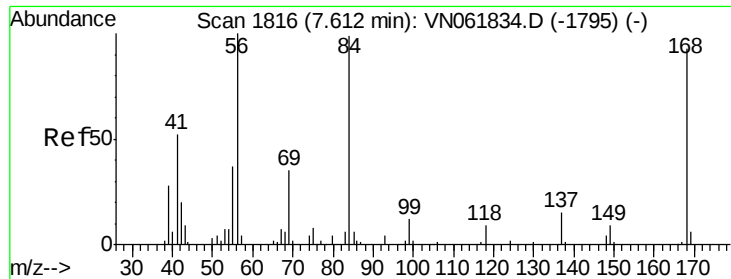
Tot Ion: 42 Resp: 61299
Ion Ratio Lower Upper
42 100
72 53.5 44.0 66.0
71 49.9 40.0 60.0



#30
Chloroform
Concen: 19.610 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 83 Resp: 65987
Ion Ratio Lower Upper
83 100
85 67.6 52.0 78.0

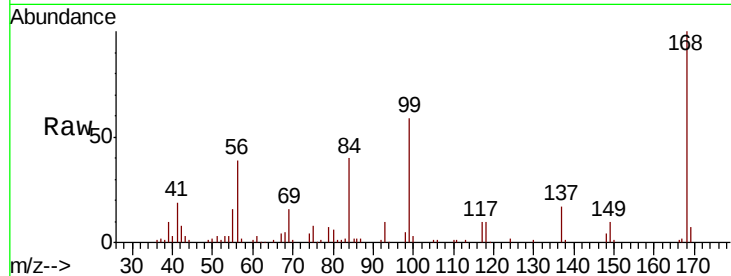




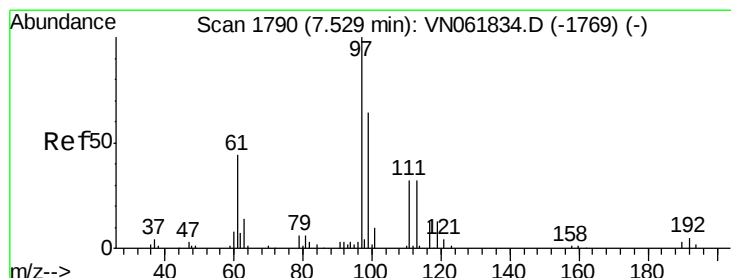
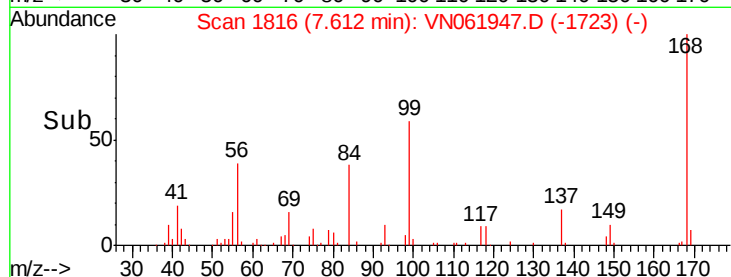
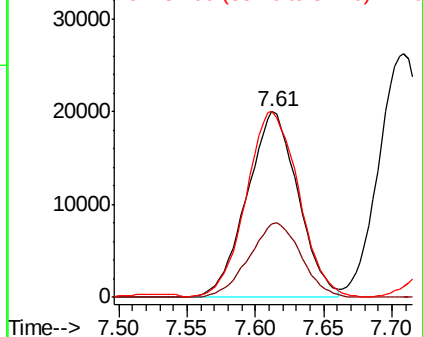
#31
Cyclohexane
Concen: 18.899 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Instrument :
MSVOA_N
ClientSampled :
VN0619WBSD01

Tot Ion: 56 Resp: 52091
Ion Ratio Lower Upper
56 100
69 39.3 27.7 41.5
84 100.4 79.1 118.7

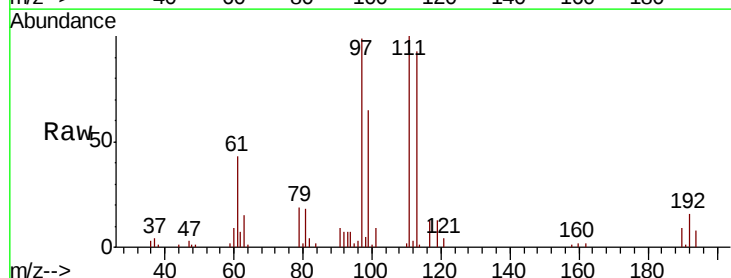


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

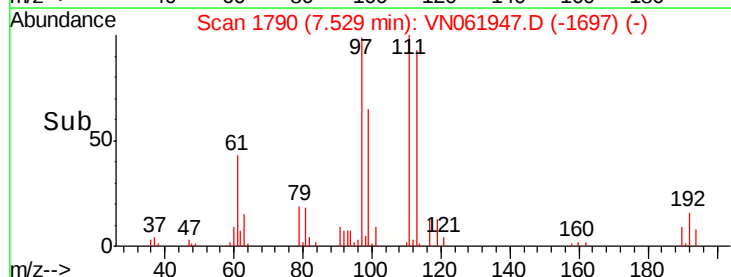
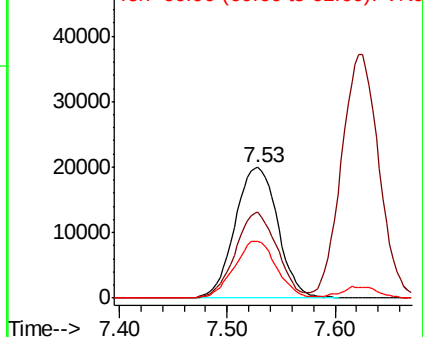


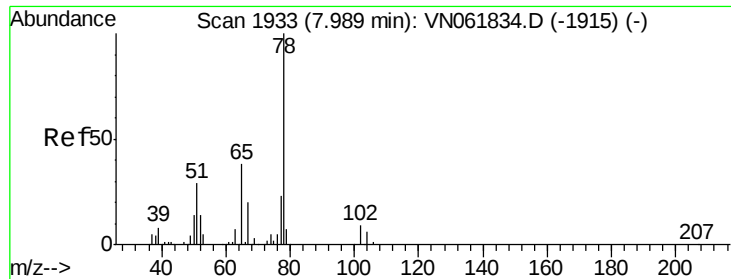
#32
1,1,1-Trichloroethane
Concen: 19.229 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 97 Resp: 55106
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 43.0 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

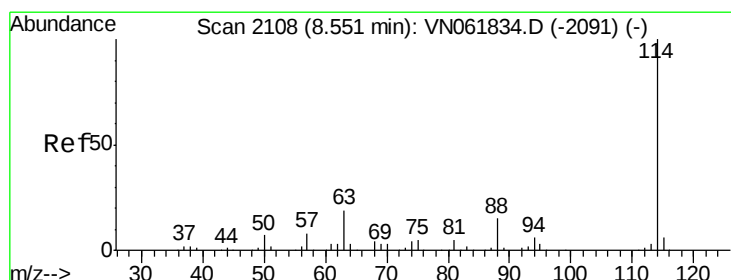
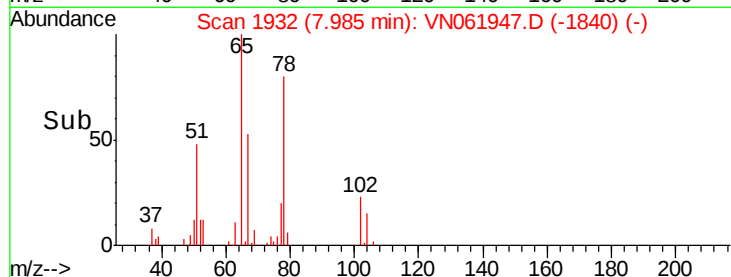
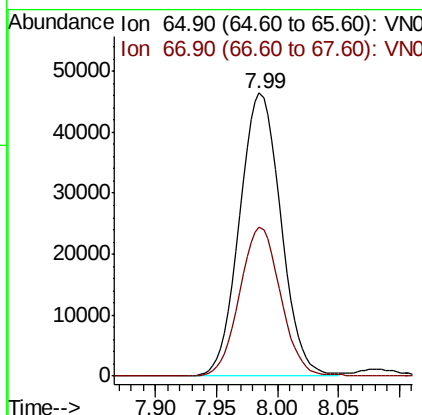
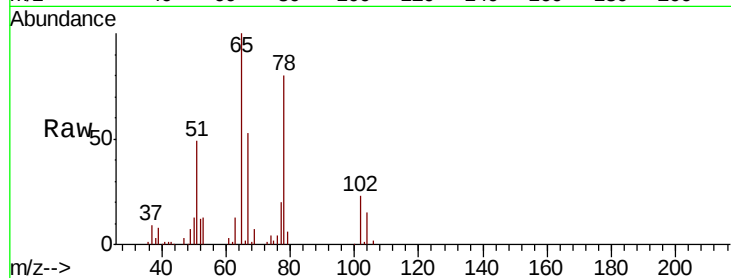




#33
 1,2-Dichloroethane-d4
 Concen: 52.122 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

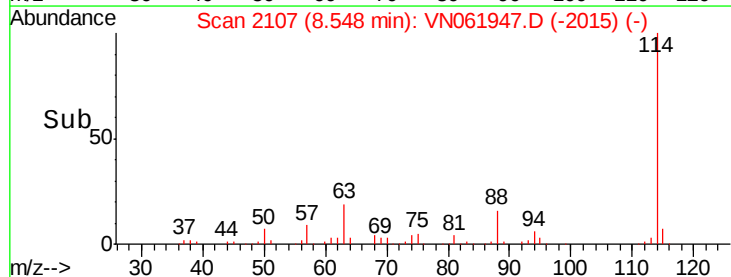
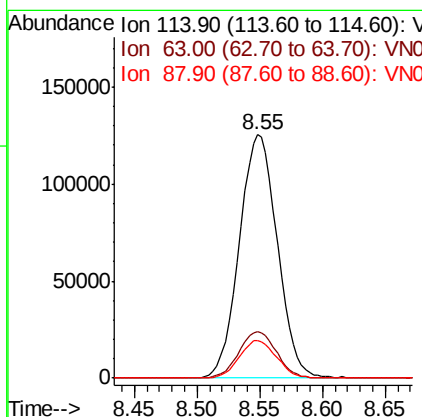
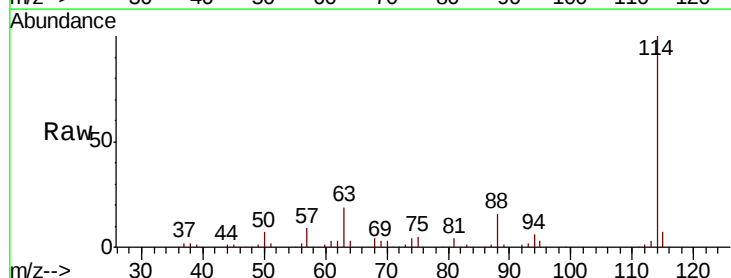
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

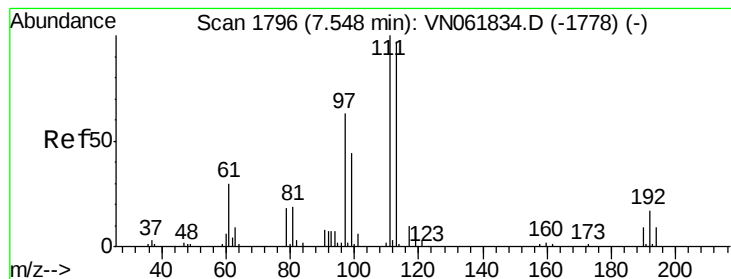
Tot Ion: 65 Resp: 109015
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion: 114 Resp: 264067
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.6
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 53.539 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

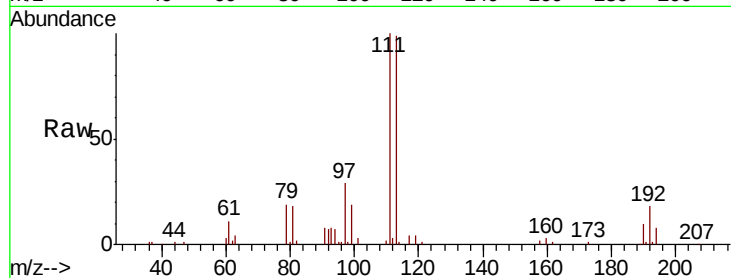
Tot Ion:113 Resp: 90447

Ion Ratio Lower Upper

113 100

111 103.0 83.7 125.5

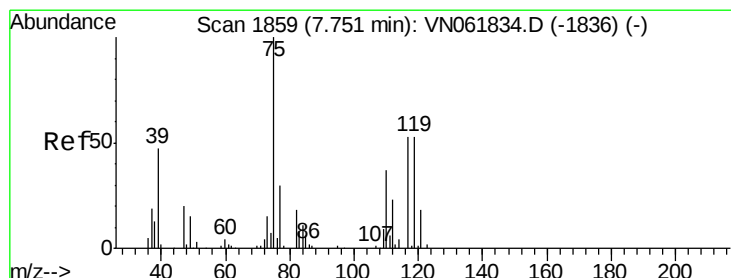
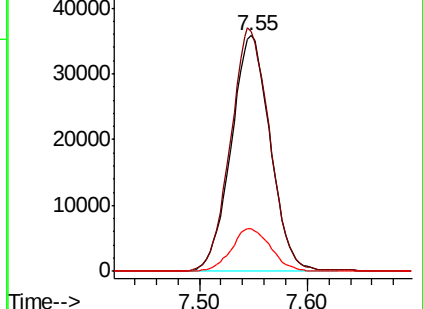
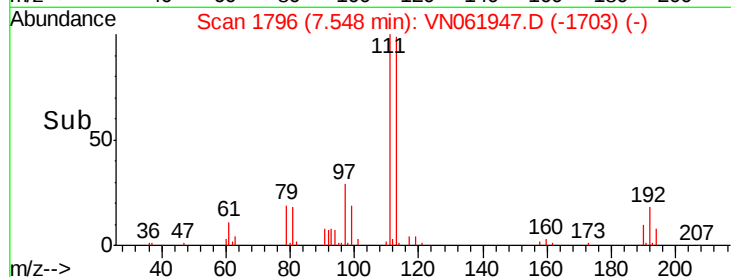
192 18.1 13.9 20.9



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: 19.279 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

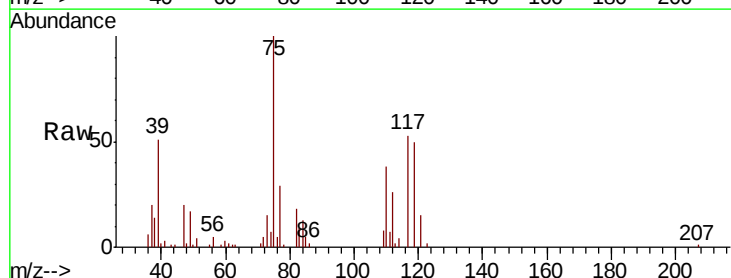
Tgt Ion: 75 Resp: 46435

Ion Ratio Lower Upper

75 100

110 37.8 18.2 54.6

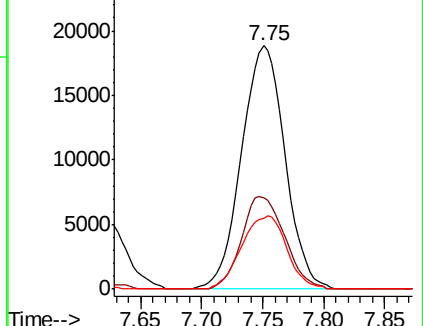
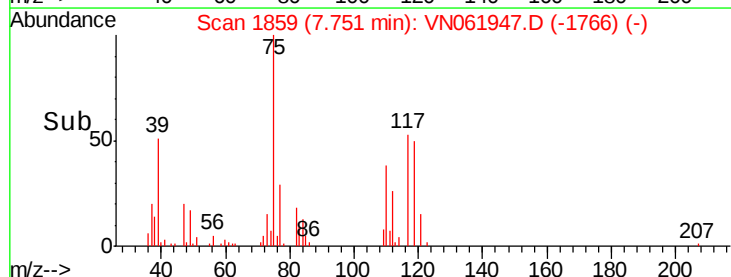
77 31.3 24.2 36.4

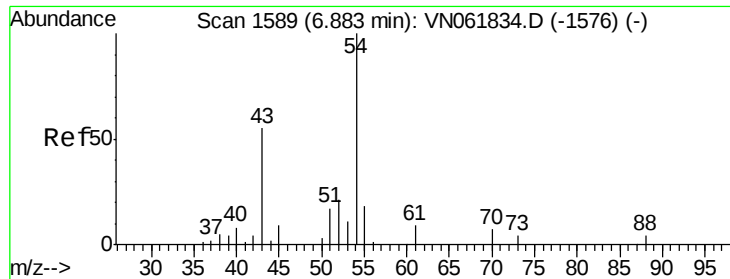


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

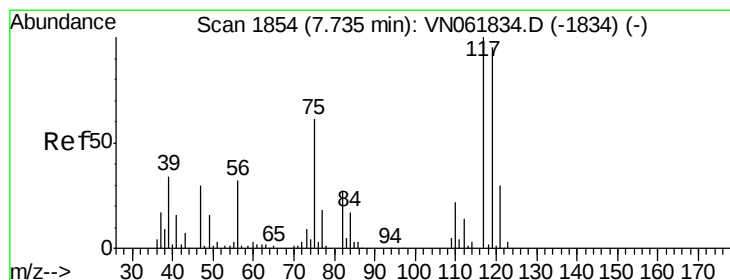
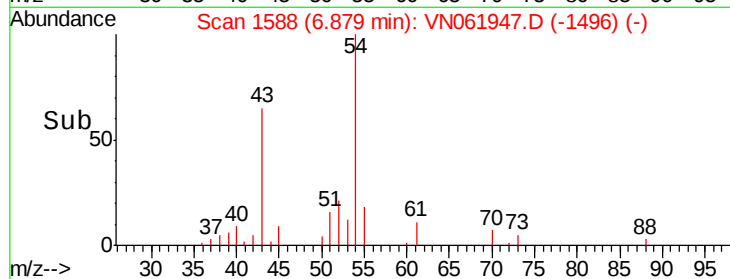
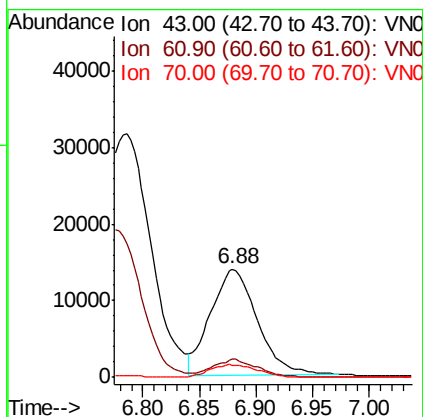
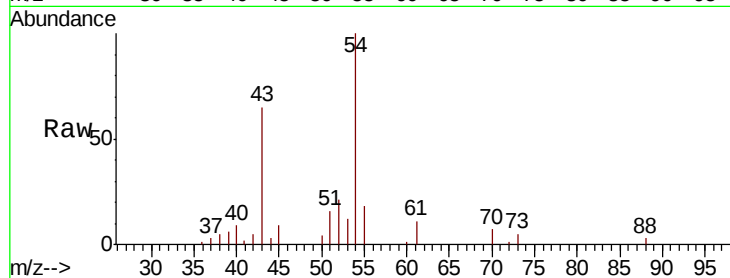




#37
Ethyl Acetate
Concen: 21.252 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

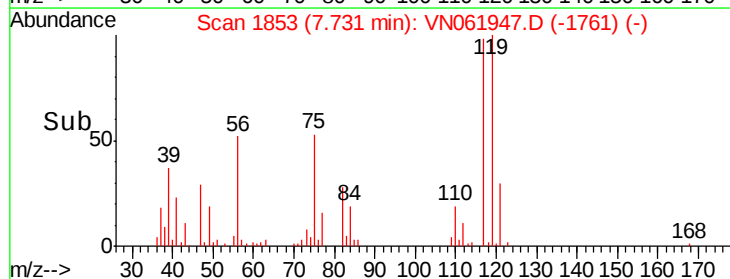
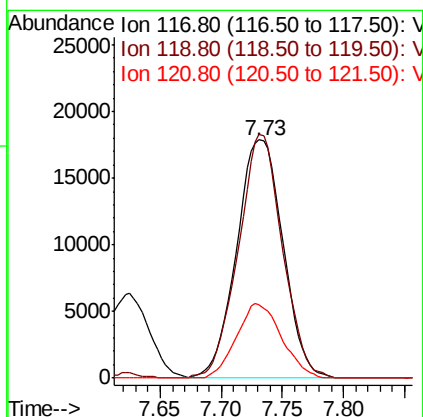
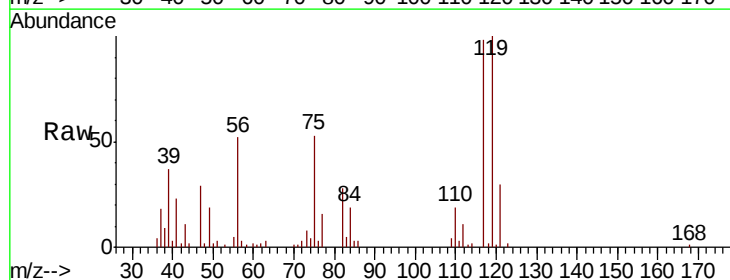
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion: 43 Resp: 39972
Ion Ratio Lower Upper
43 100
61 16.1 13.0 19.4
70 11.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.752 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 117 Resp: 47111
Ion Ratio Lower Upper
117 100
119 102.3 75.8 113.6
121 30.7 23.8 35.6

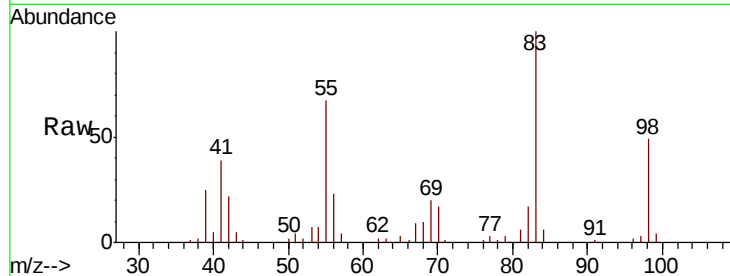




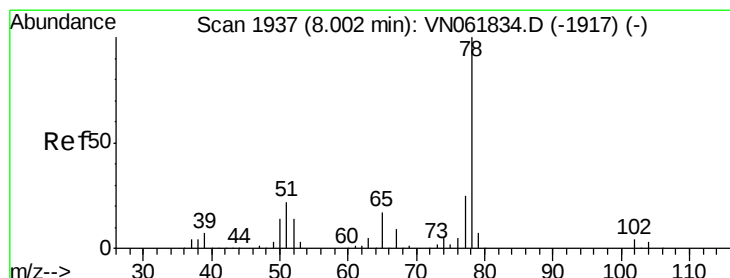
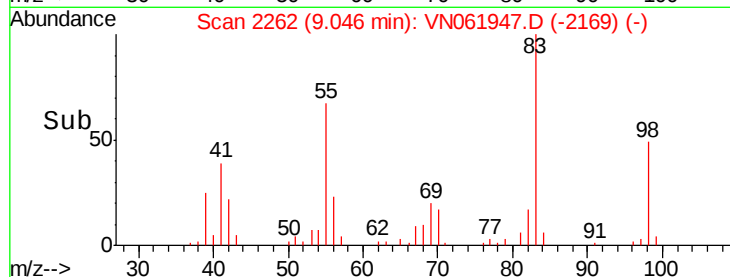
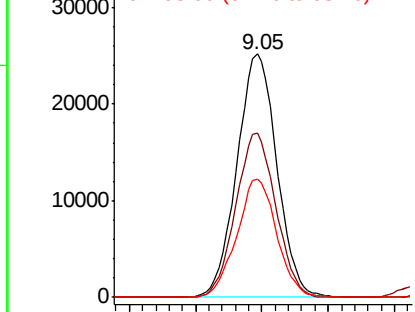
#39
Methvlcvclohexane
Concen: 20.327 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion: 83 Resp: 52719
Ion Ratio Lower Upper
83 100
55 67.3 54.2 81.4
98 48.6 39.8 59.6

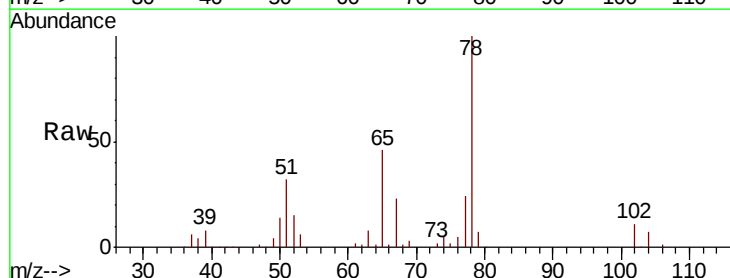


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

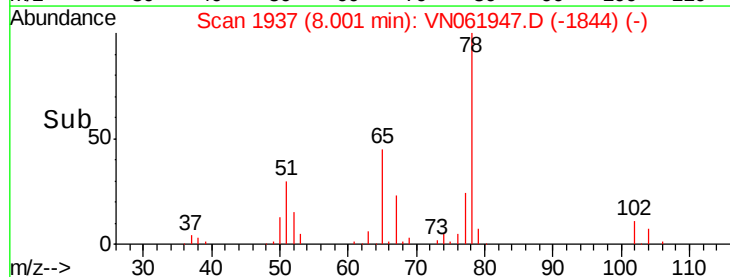
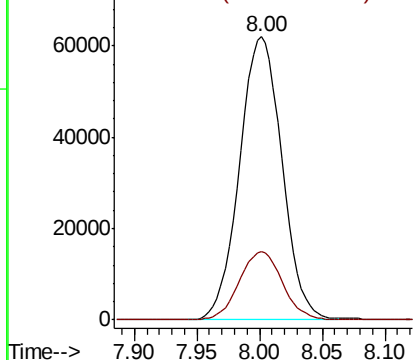


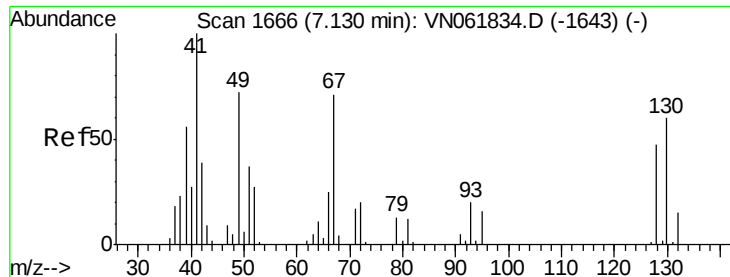
#40
Benzene
Concen: 19.922 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 78 Resp: 145355
Ion Ratio Lower Upper
78 100
77 24.1 19.7 29.5



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

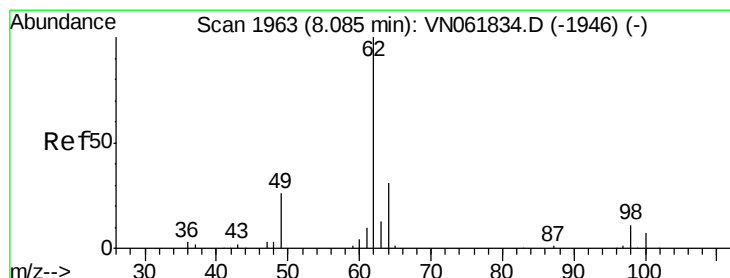
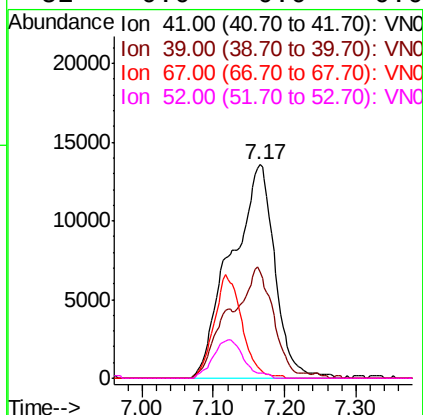
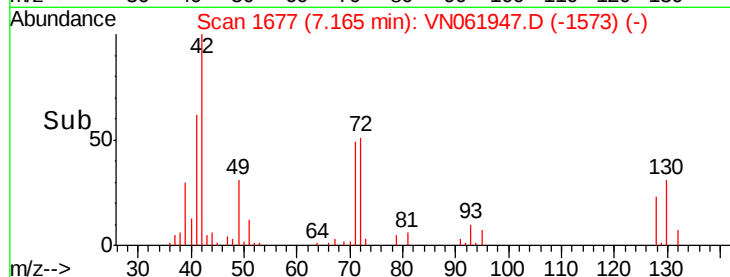
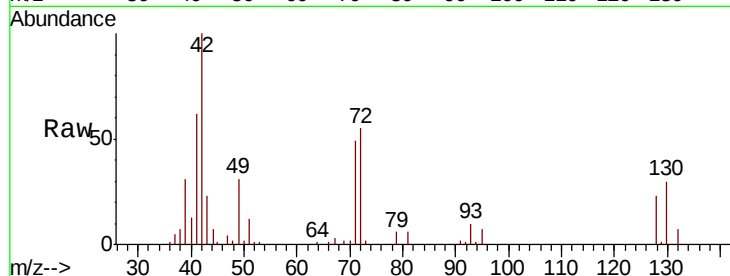




#41
Methacrylonitrile
Concen: 71.879 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

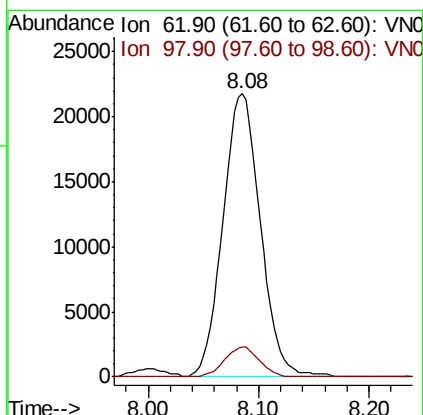
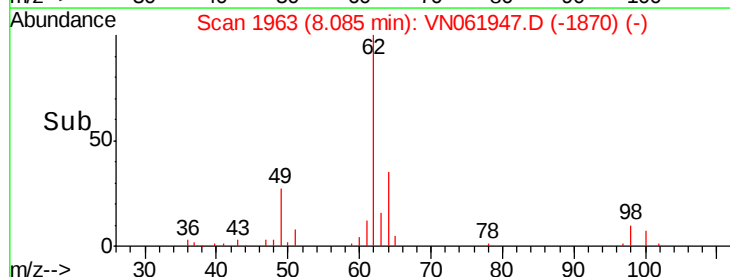
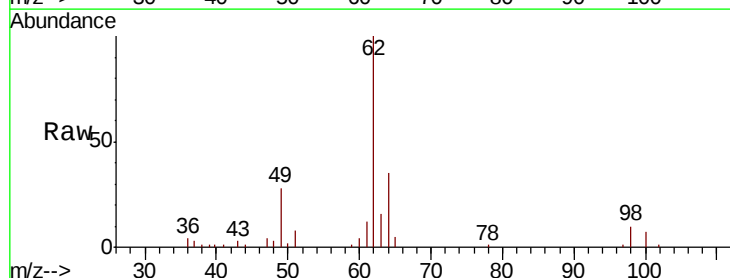
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

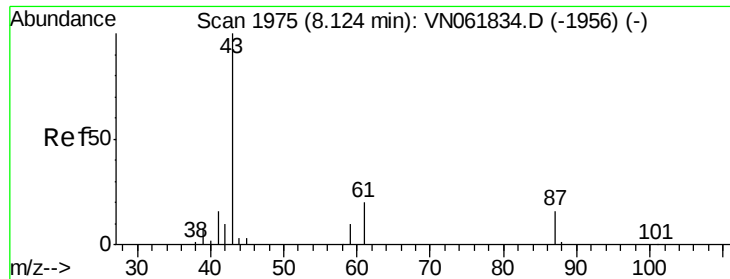
Tot Ion:	41	Resp:	57811
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.608 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion:	62	Resp:	51268
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 20.758 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

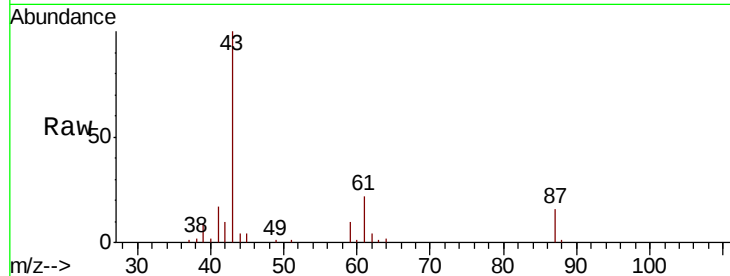
Tot Ion: 43 Resp: 65798

Ion Ratio Lower Upper

43 100

61 23.3 24.0 36.0#

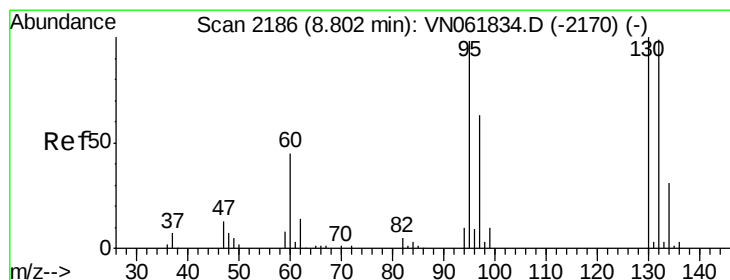
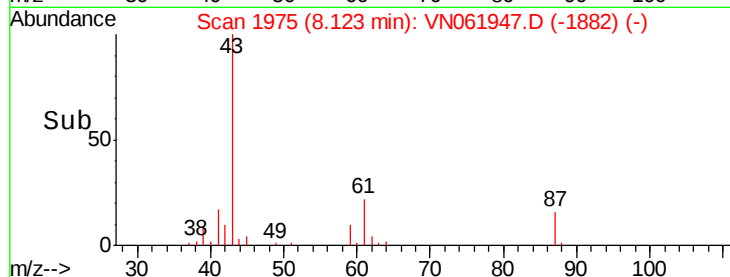
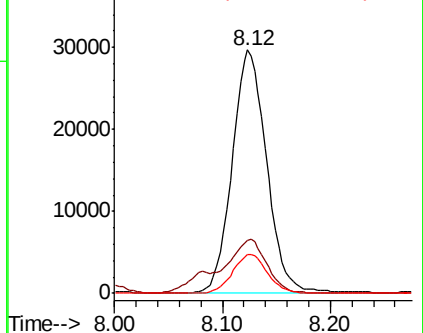
87 15.9 12.5 18.7



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: 20.087 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061947.D

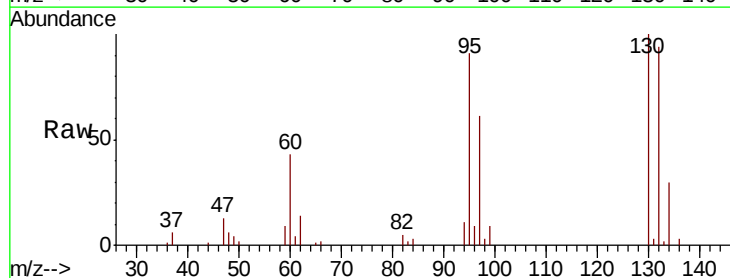
Acq: 19 Jun 2020 13:13

Tgt Ion:130 Resp: 38571

Ion Ratio Lower Upper

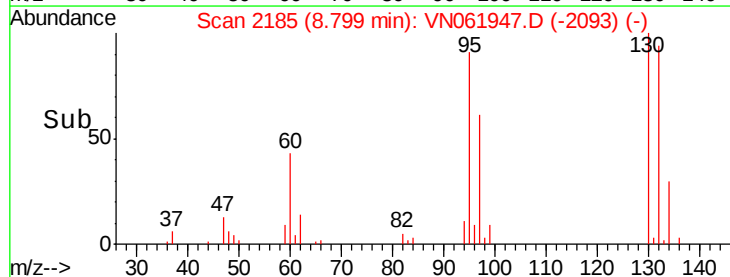
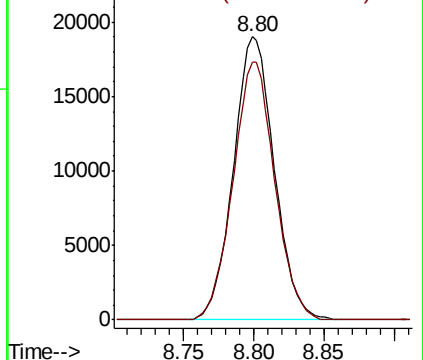
130 100

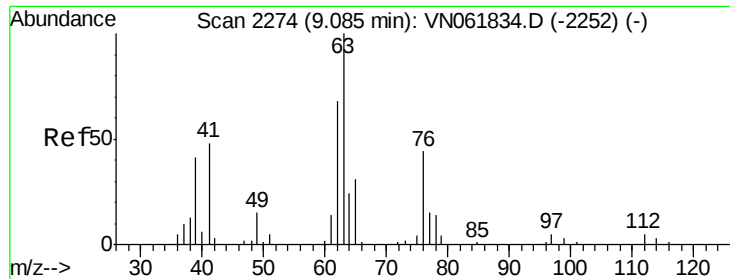
95 91.2 0.0 195.6



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

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

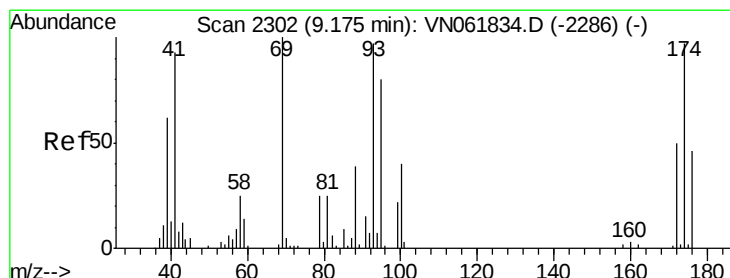
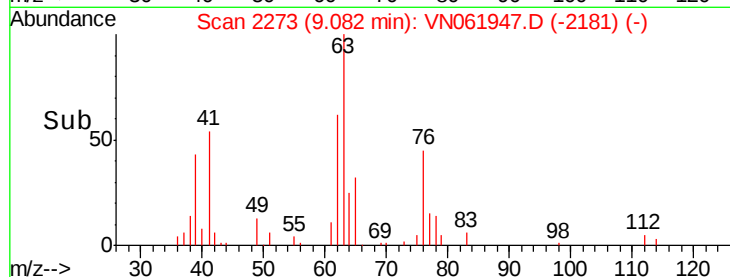
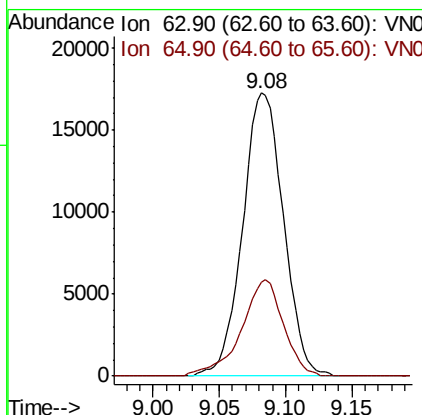
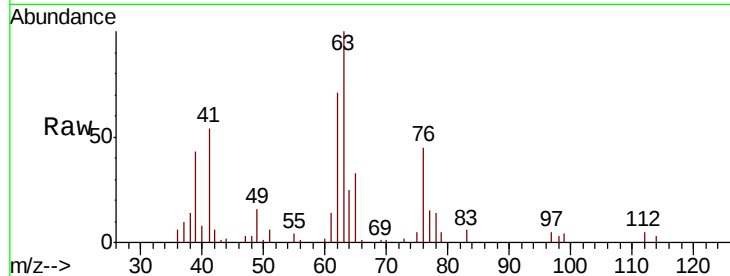




#45
 1,2-Dichloropropane
 Concen: 20.624 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

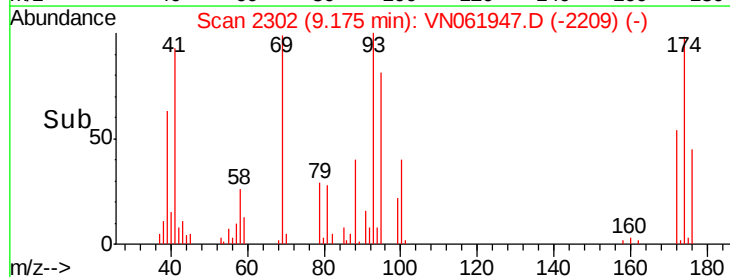
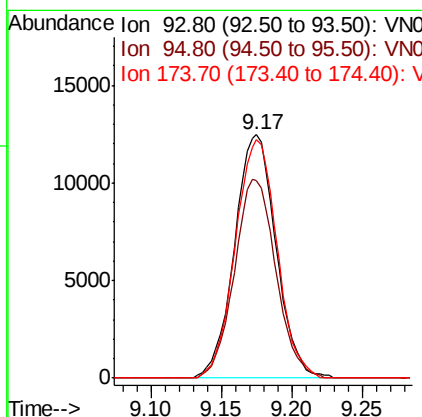
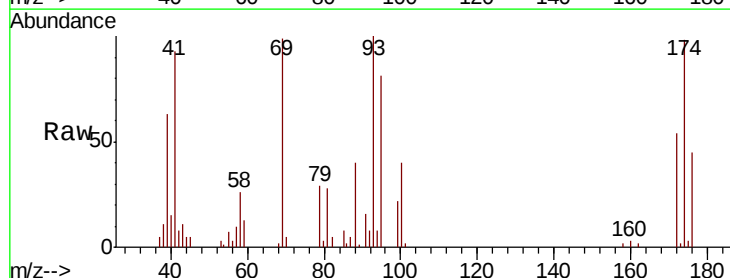
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Tot Ion: 63 Resp: 36979
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.1 37.7



#46
 Dibromomethane
 Concen: 20.350 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion: 93 Resp: 25695
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.8 98.6
 174 98.3 78.5 117.7





#47

Bromodichloromethane

Concen: 19.867 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

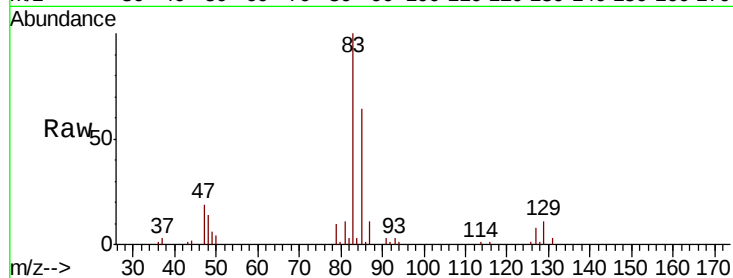
Tot Ion: 83 Resp: 51365

Ion Ratio Lower Upper

83 100

85 63.6 50.8 76.2

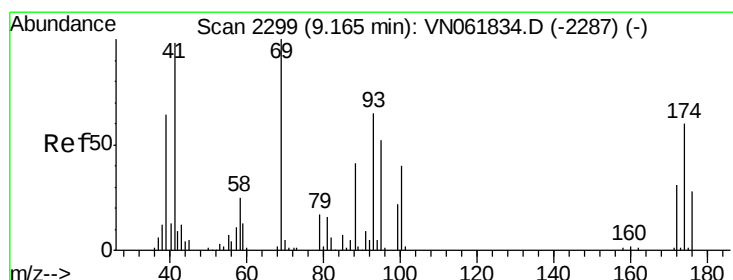
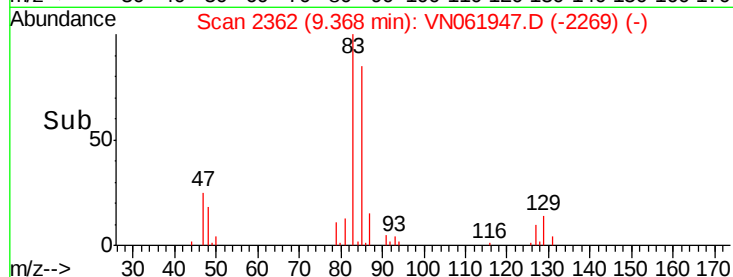
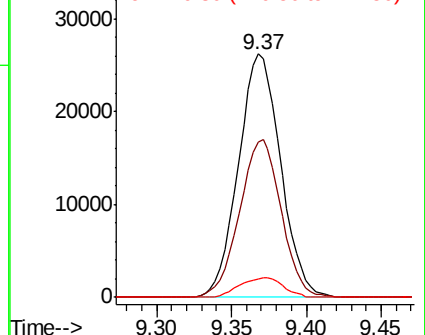
127 7.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2347) (-)



#48

Methyl methacrylate

Concen: 19.982 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

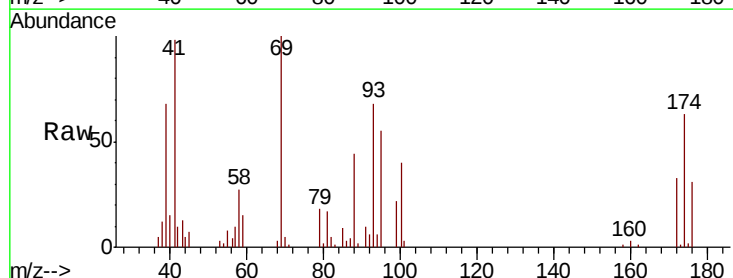
Tgt Ion: 41 Resp: 28804

Ion Ratio Lower Upper

41 100

69 103.2 83.0 124.4

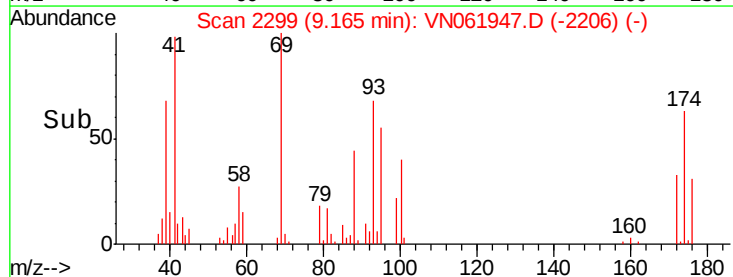
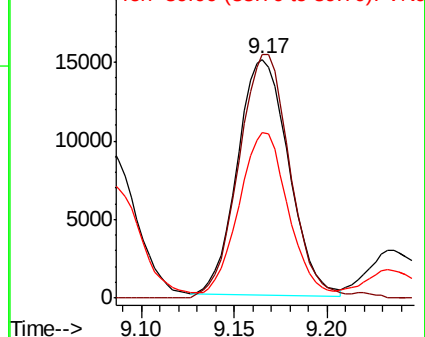
39 68.7 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2287) (-)





#49

1,4-Dioxane

Concen: 412.698 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

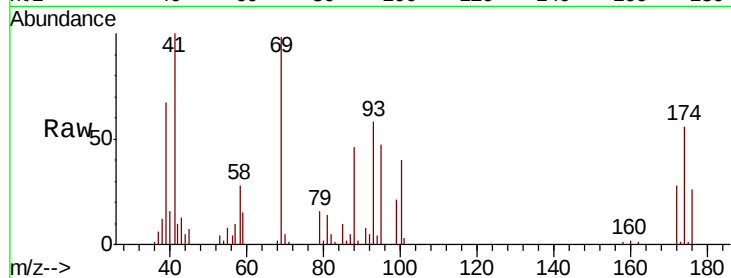
Tot Ion: 88 Resp: 13658

Ion Ratio Lower Upper

88 100

43 29.2 23.4 35.2

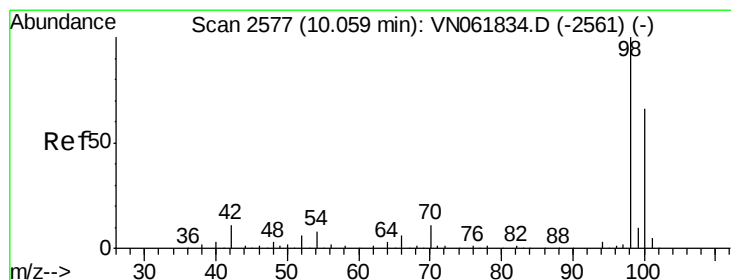
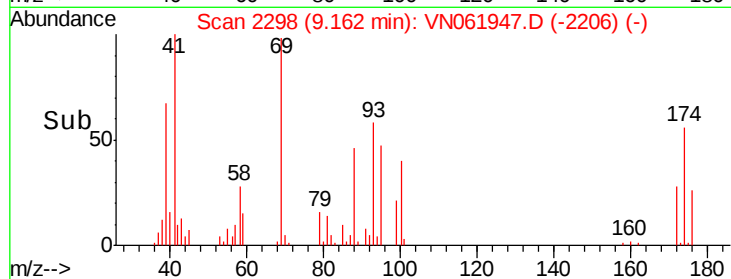
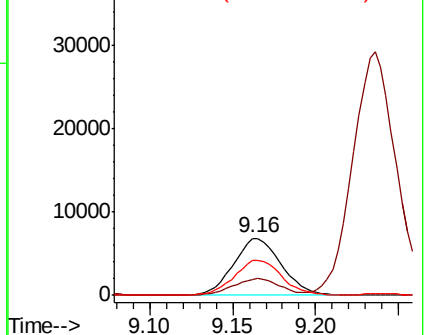
58 61.2 49.8 74.6



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: 52.893 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061947.D

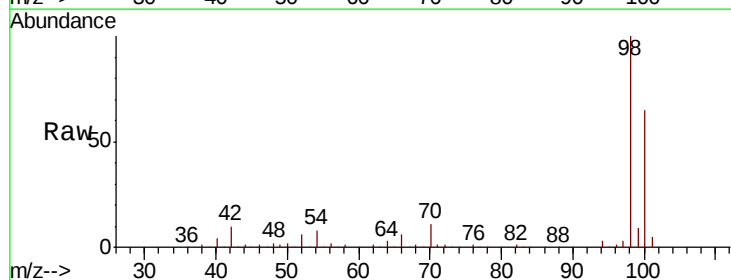
Acq: 19 Jun 2020 13:13

Tgt Ion: 98 Resp: 351291

Ion Ratio Lower Upper

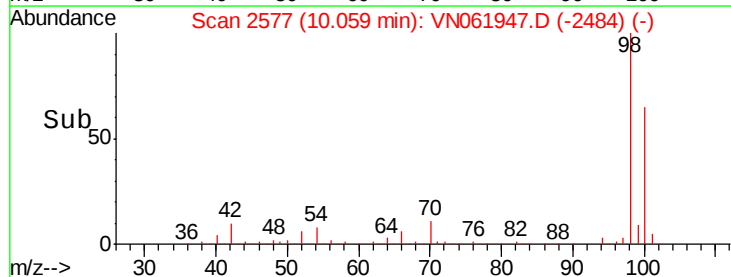
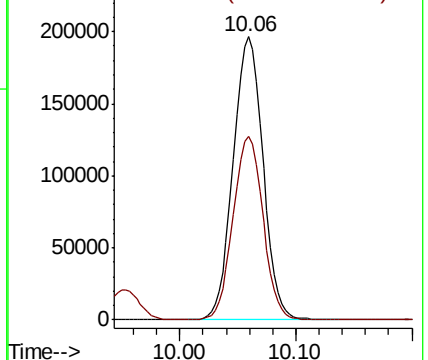
98 100

100 65.1 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: 105.700 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

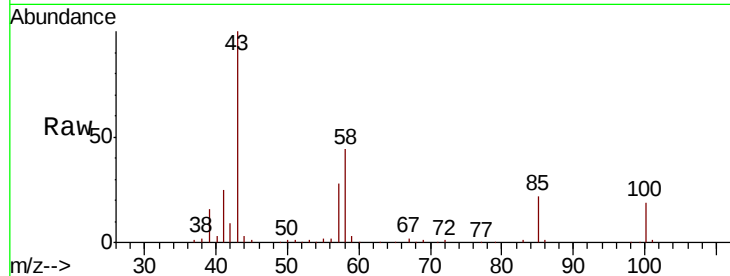
VN0619WBSD01

Tot Ion: 43 Resp: 197985

Ion Ratio Lower Upper

43 100

58 42.9 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

120000

100000

80000

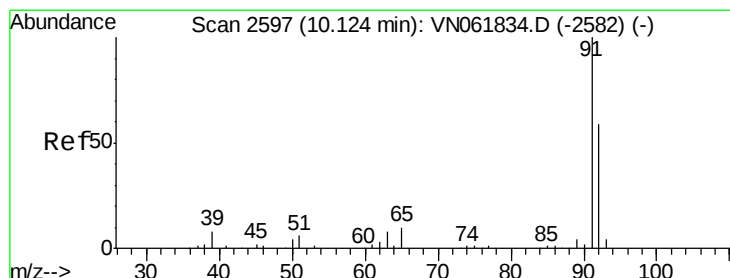
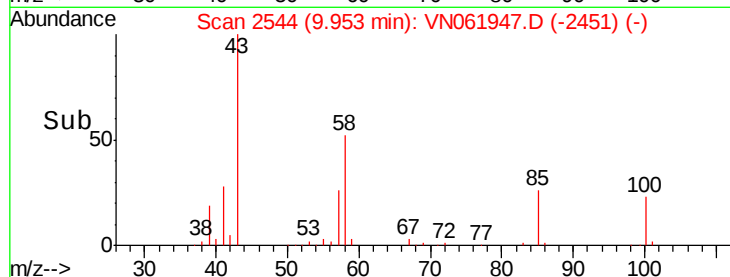
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.584 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061947.D

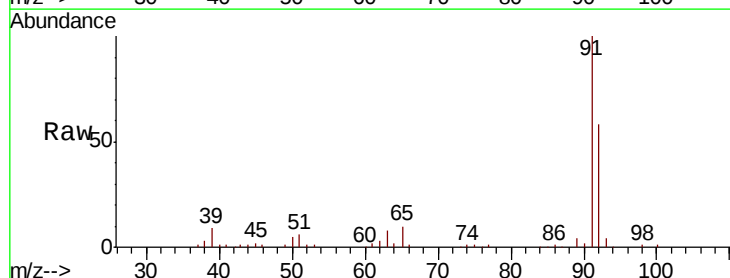
Acq: 19 Jun 2020 13:13

Tgt Ion: 92 Resp: 94319

Ion Ratio Lower Upper

92 100

91 171.3 137.1 205.7



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

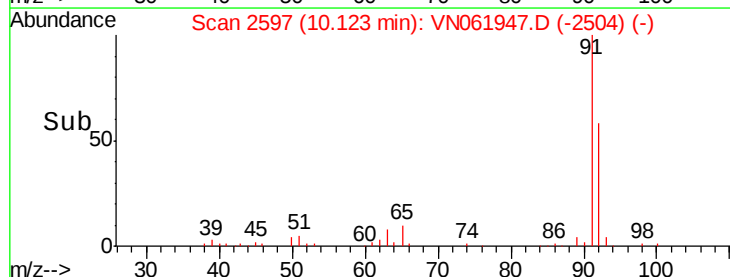
60000

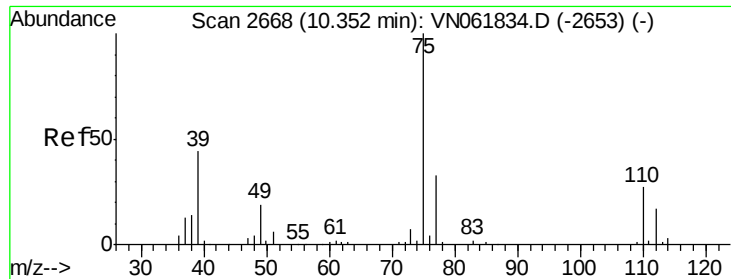
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.297 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

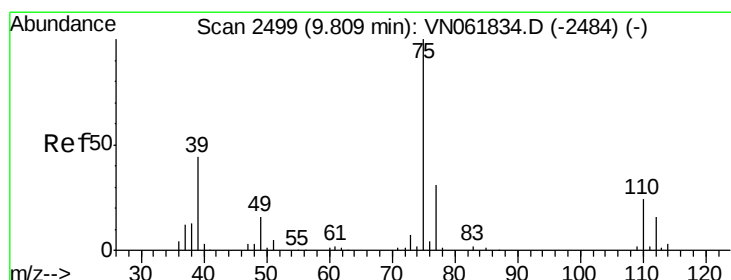
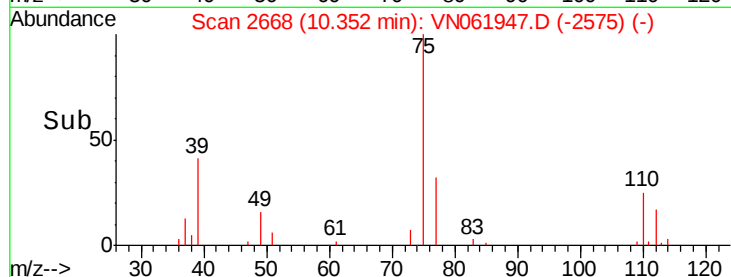
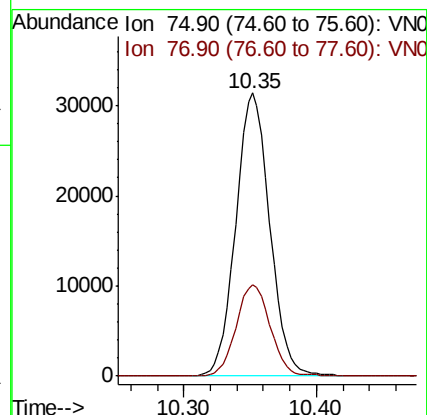
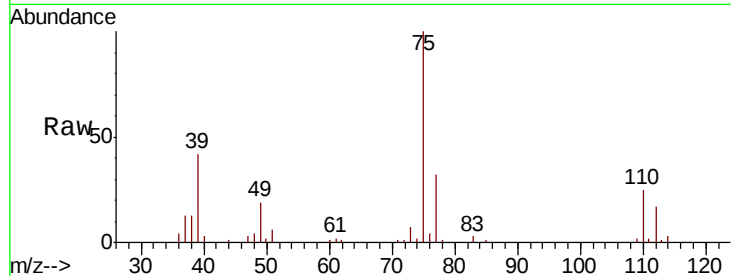
VN0619WBSD01

Tot Ion: 75 Resp: 55708

Ion Ratio Lower Upper

75 100

77 32.2 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.108 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

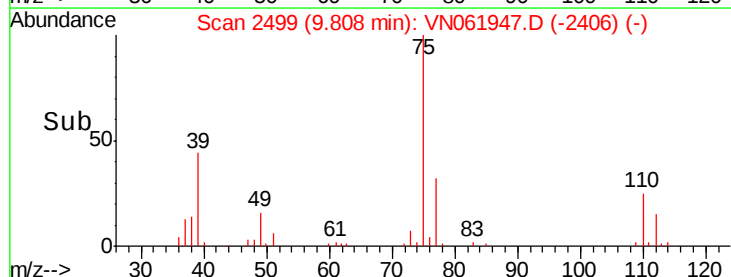
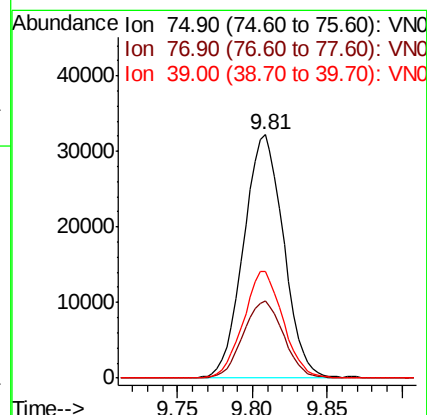
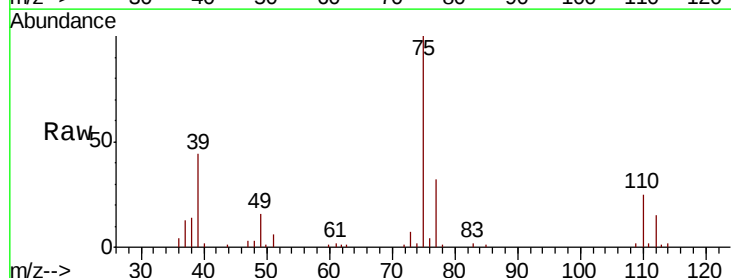
Tgt Ion: 75 Resp: 59943

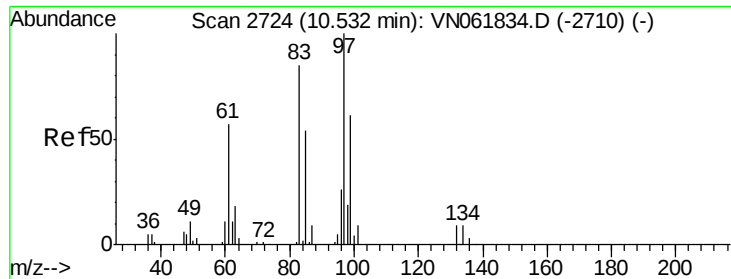
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 43.8 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 20.828 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tot Ion: 97 Resp: 37550

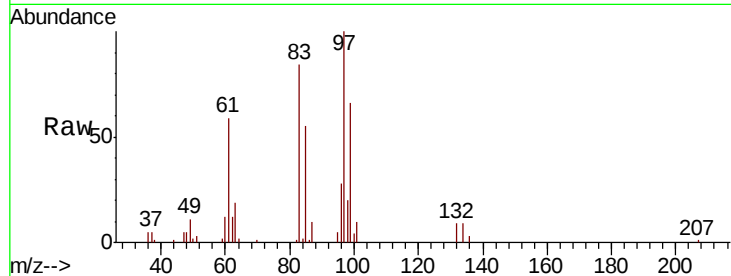
Ion Ratio Lower Upper

97 100

83 84.0 67.7 101.5

85 54.8 43.4 65.0

99 66.0 48.8 73.2

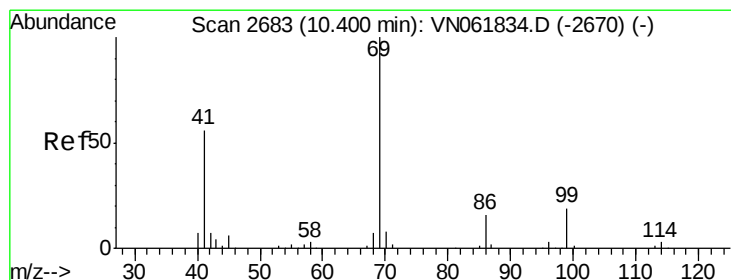
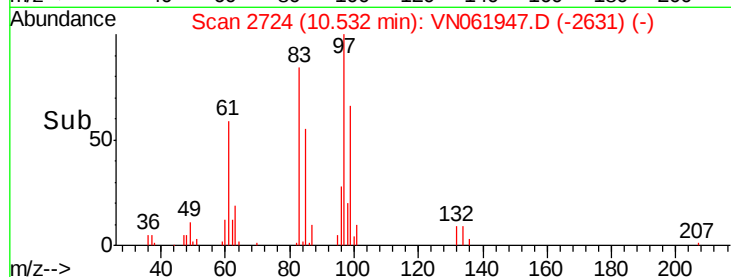
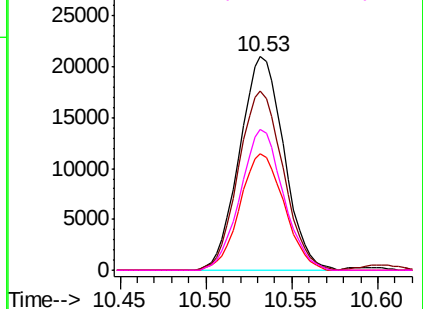


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 19.588 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

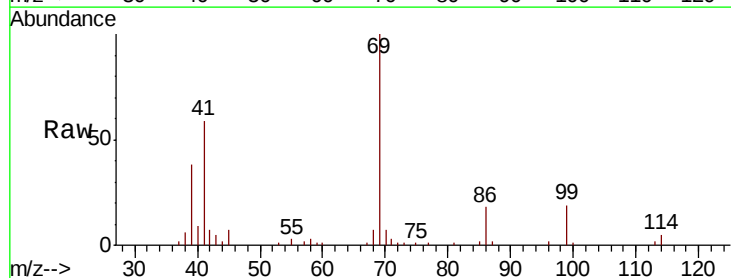
Tgt Ion: 69 Resp: 48780

Ion Ratio Lower Upper

69 100

41 57.9 44.9 67.3

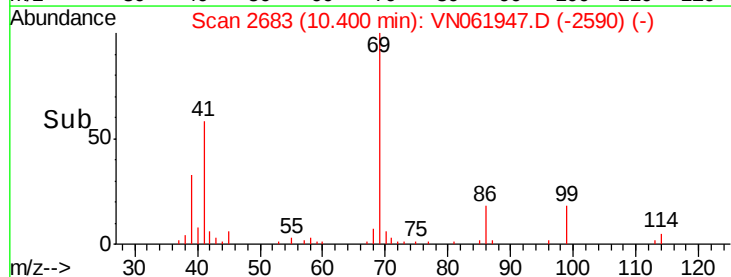
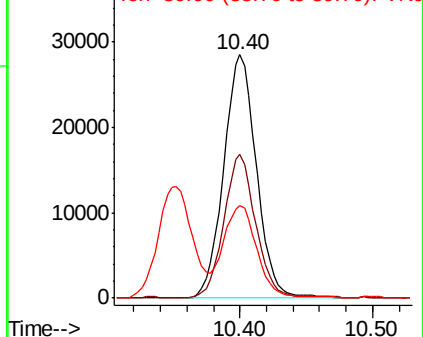
39 39.5 30.0 45.0

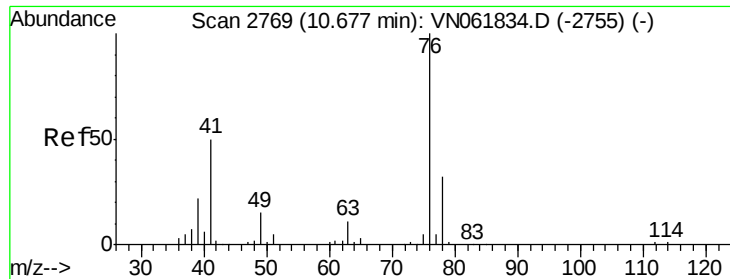


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

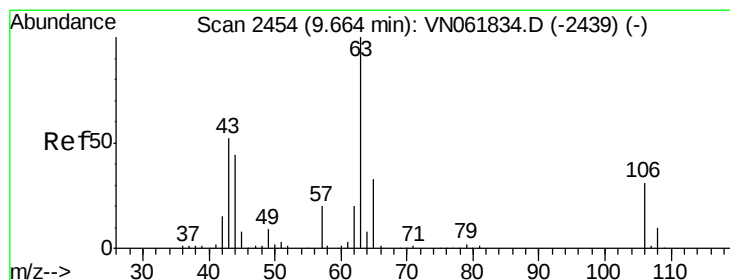
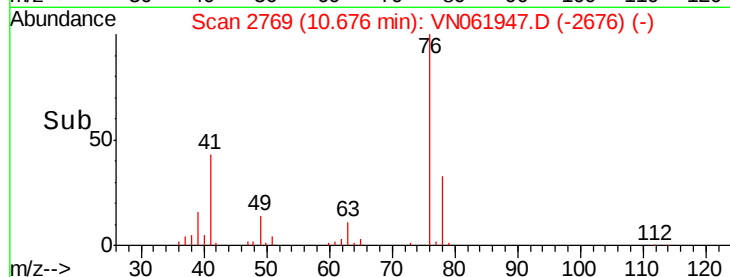
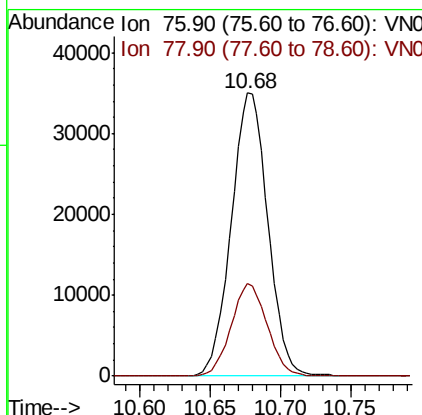
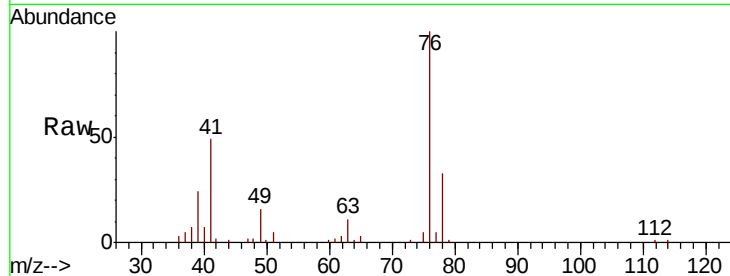




#57
 1,3-Dichloropropane
 Concen: 20.793 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

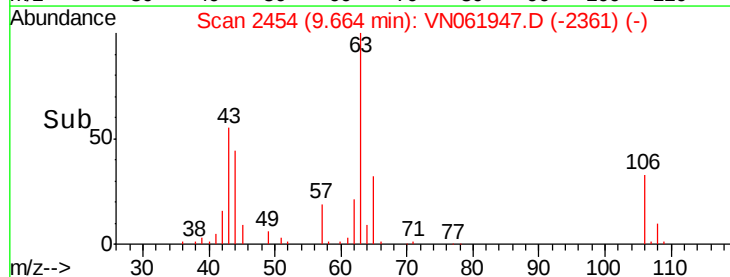
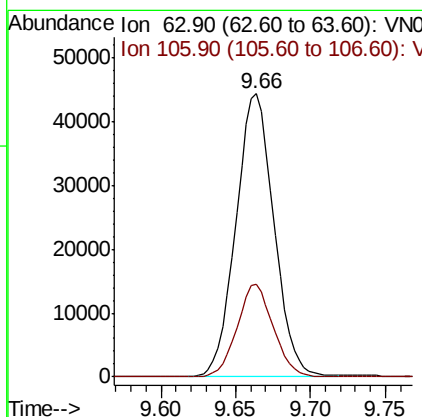
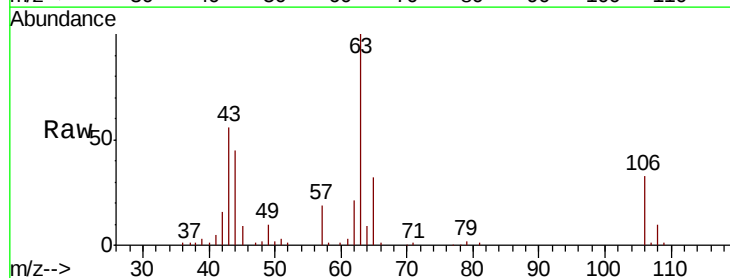
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

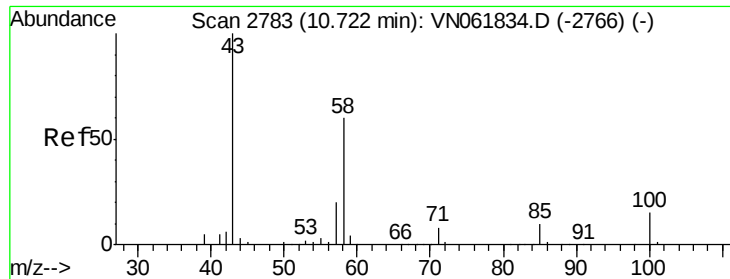
Tot Ion: 76 Resp: 63509
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.744 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion: 63 Resp: 78730
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.6 36.8

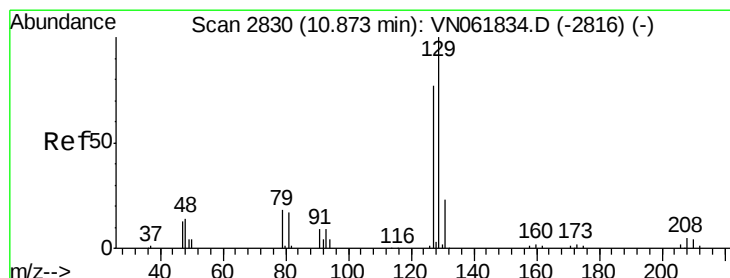
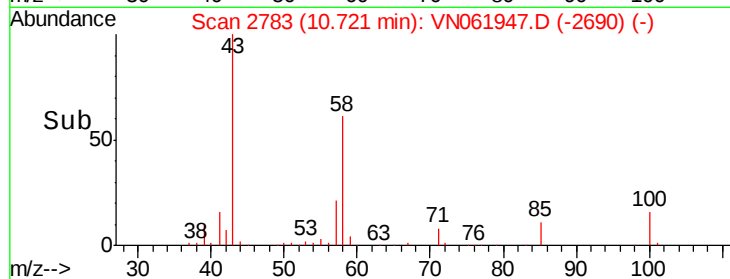
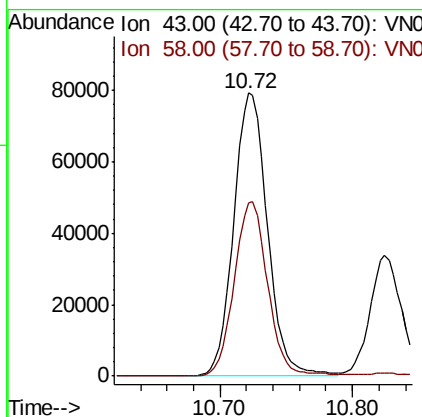
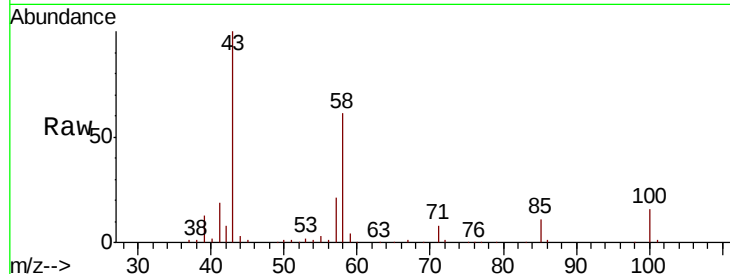




#59
2-Hexanone
Concen: 101.943 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

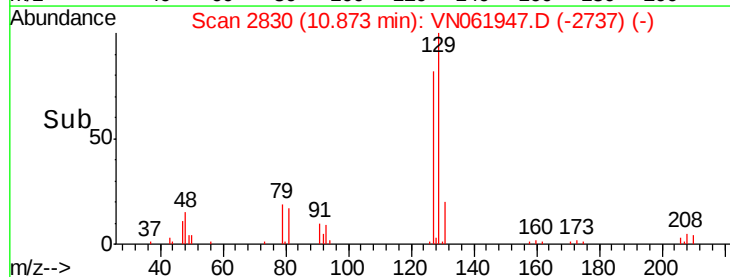
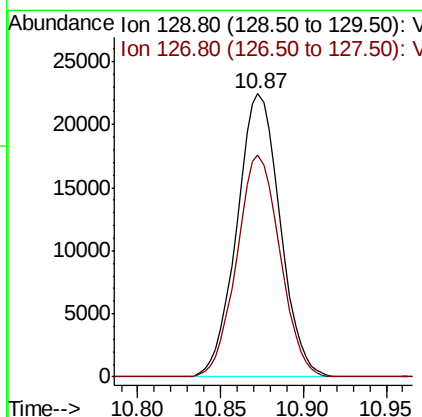
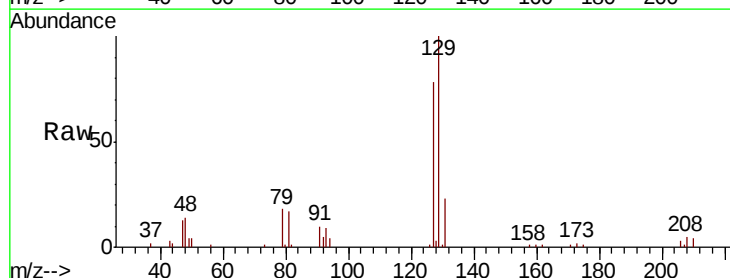
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion: 43 Resp: 139996
Ion Ratio Lower Upper
43 100
58 61.0 30.1 90.5



#60
Dibromochloromethane
Concen: 20.237 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 129 Resp: 40711
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

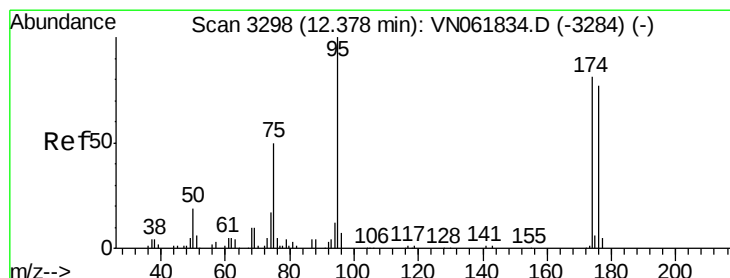
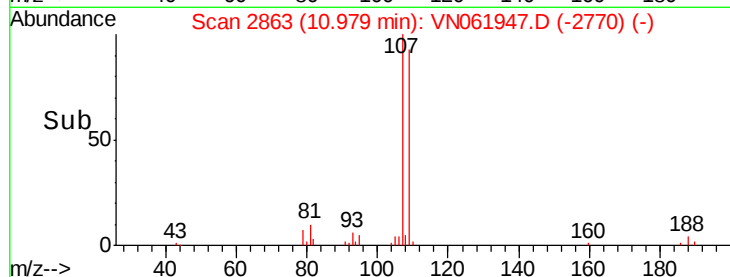
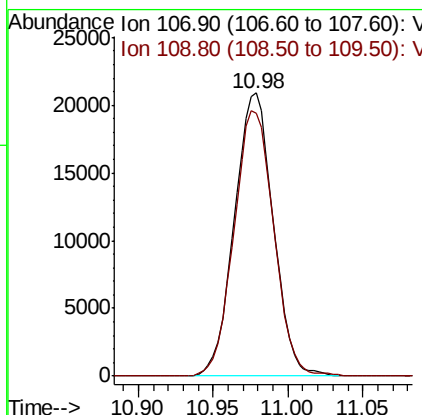
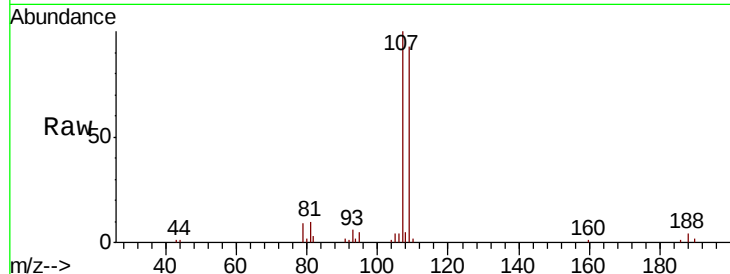




#61
 1,2-Dibromoethane
 Concen: 20.072 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

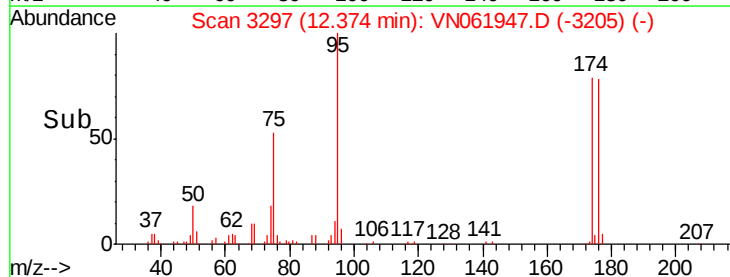
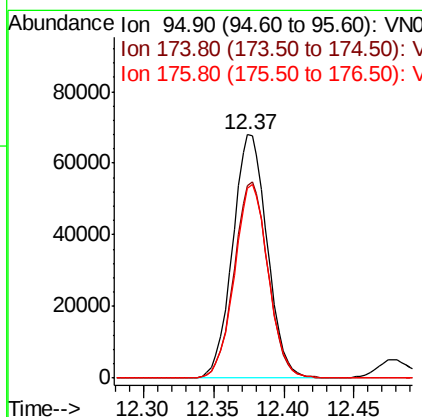
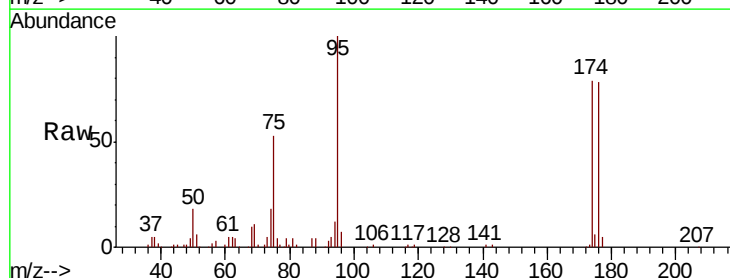
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

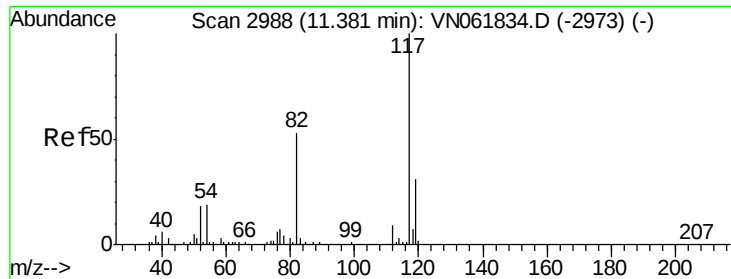
Tot Ion: 107 Resp: 37786
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.235 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion: 95 Resp: 116722
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 158.6
 176 77.7 0.0 152.0

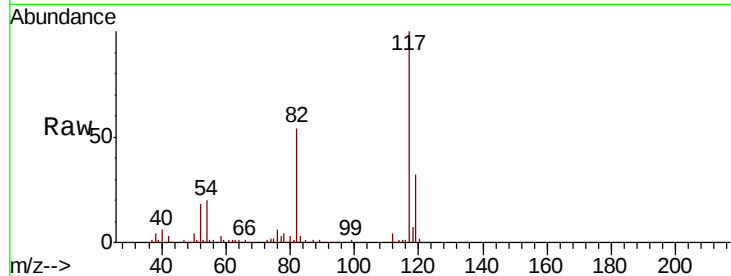




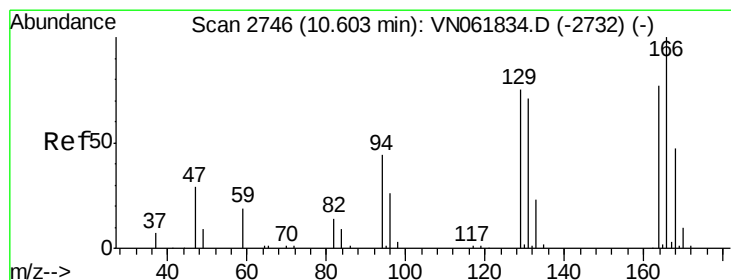
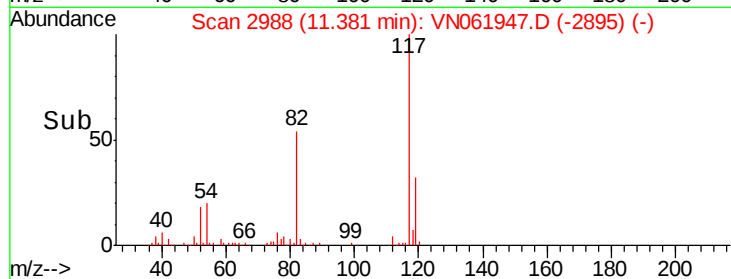
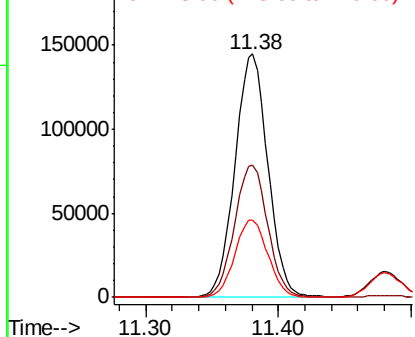
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion:117 Resp: 249836
Ion Ratio Lower Upper
117 100
82 54.4 42.6 64.0
119 31.9 24.7 37.1

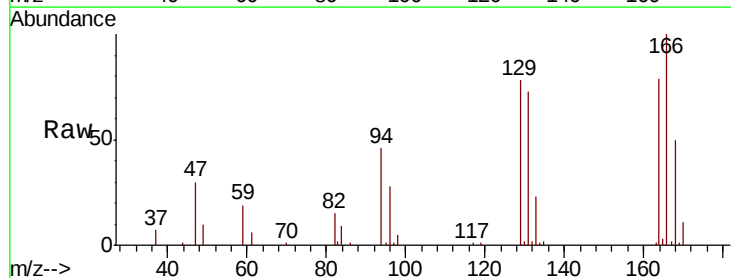


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

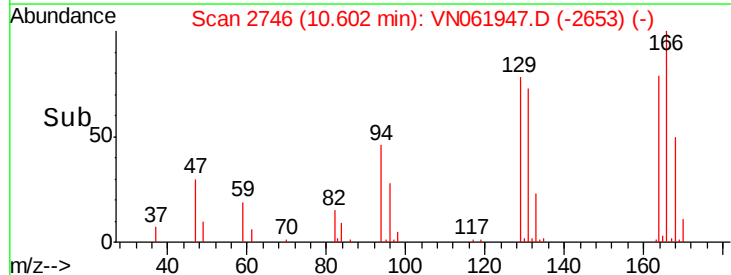
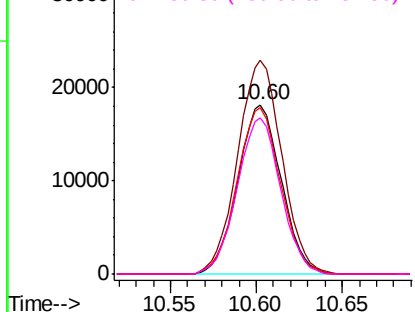


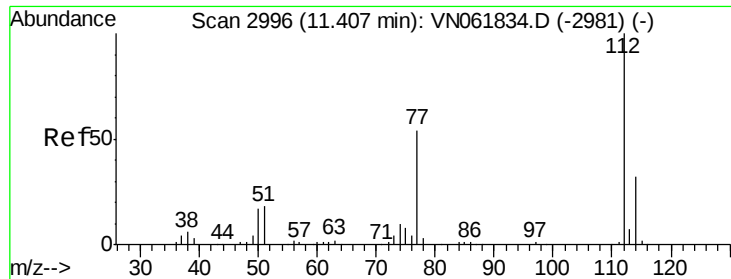
#64
Tetrachloroethene
Concen: 19.993 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion:164 Resp: 31836
Ion Ratio Lower Upper
164 100
166 126.3 103.5 155.3
129 98.1 77.5 116.3
131 92.4 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

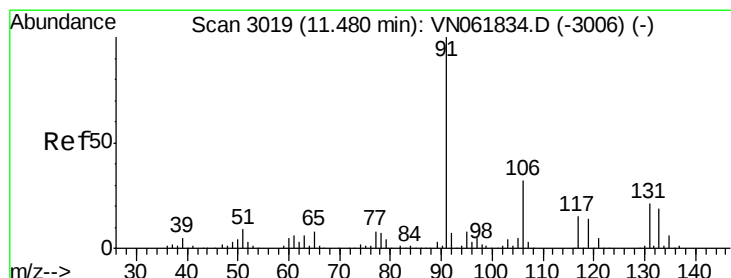
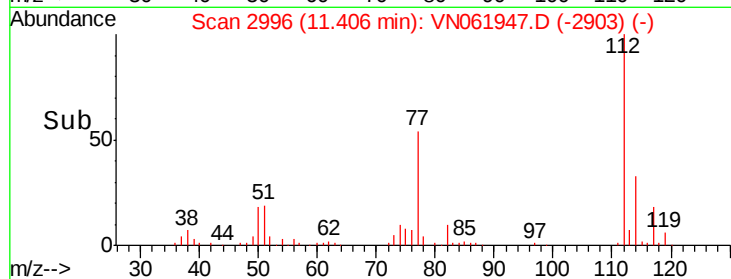
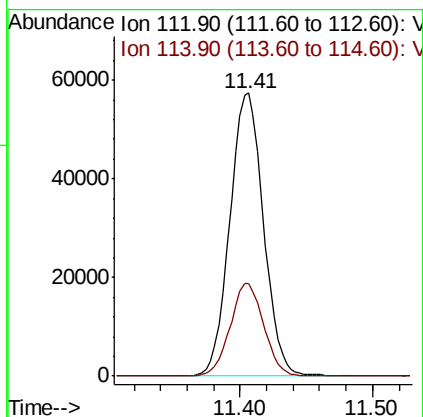
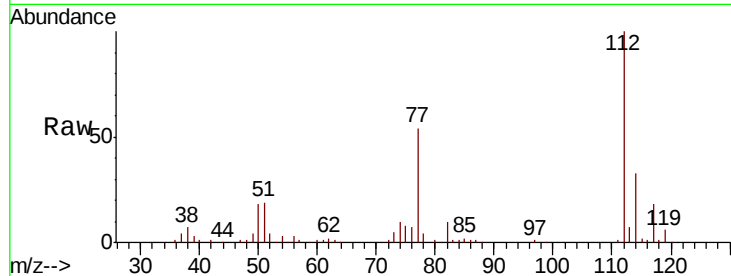




#65
Chlorobenzene
Concen: 19.168 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

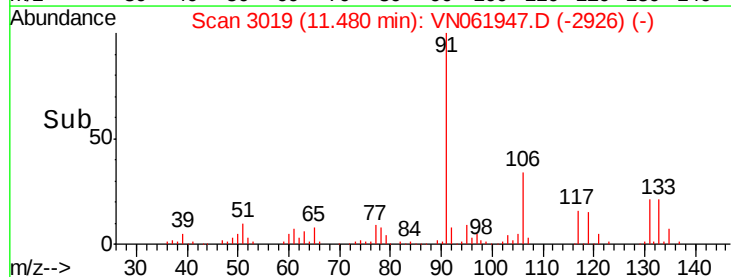
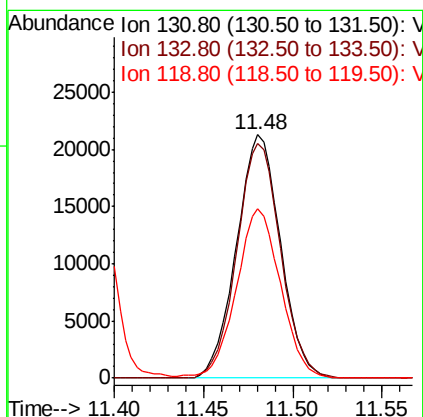
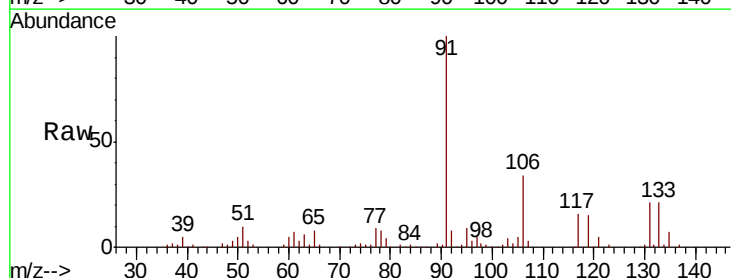
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion:112 Resp: 101050
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.943 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion:131 Resp: 36667
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 69.9 34.0 101.8

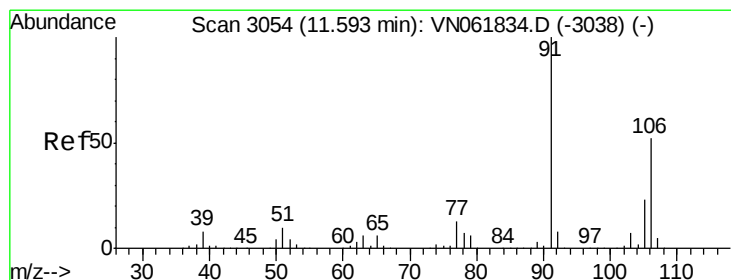
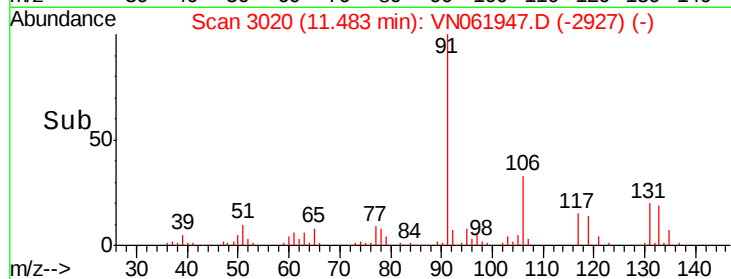
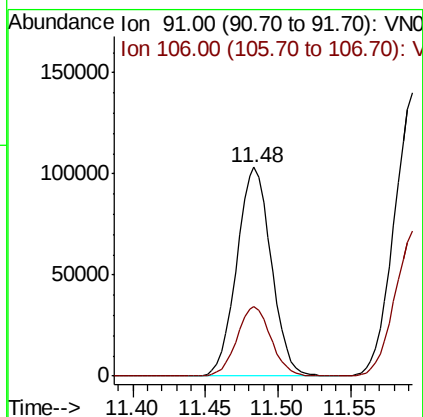
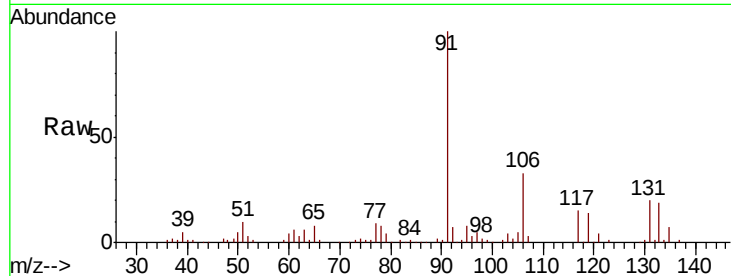




#67
Ethyl Benzene
Concen: 19.305 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

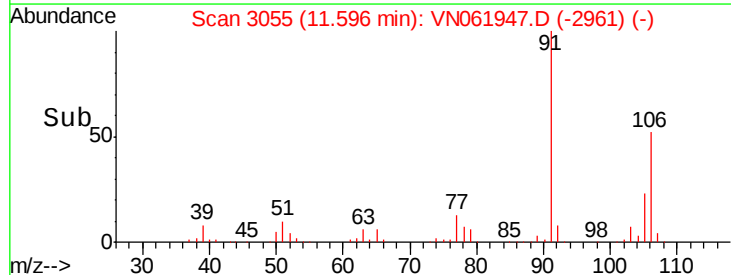
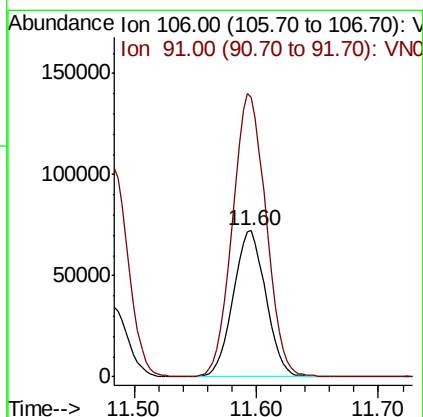
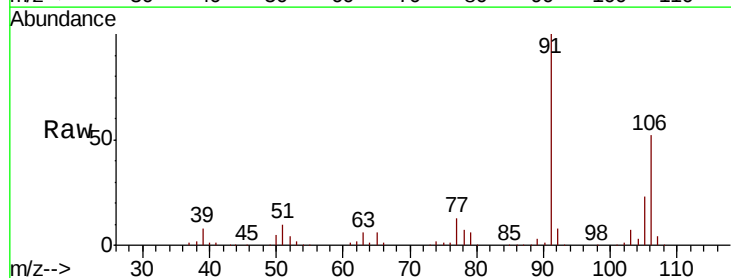
Instrument :
MSVOA_N
ClientSampled :
VN0619WBSD01

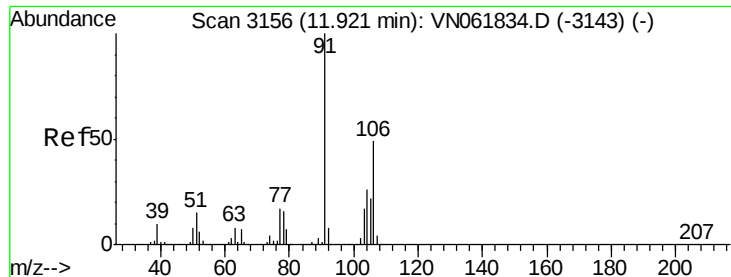
Tot Ion: 91 Resp: 170630
Ion Ratio Lower Upper
91 100
106 33.3 25.4 38.2



#68
m/p-Xylenes
Concen: 39.410 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 106 Resp: 134319
Ion Ratio Lower Upper
106 100
91 198.2 157.0 235.6

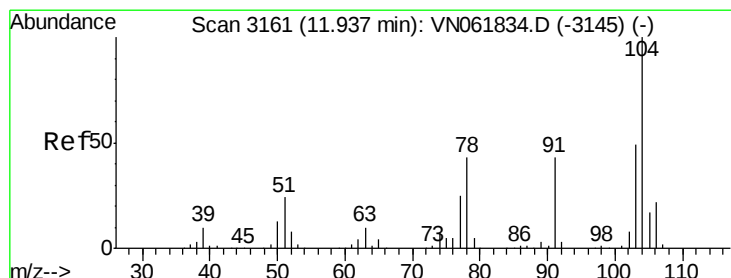
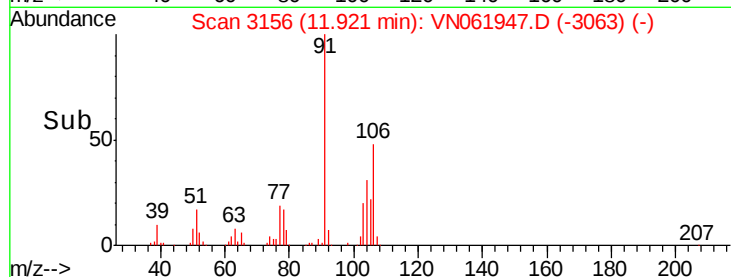
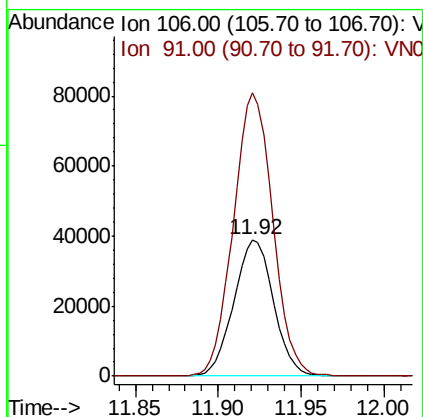
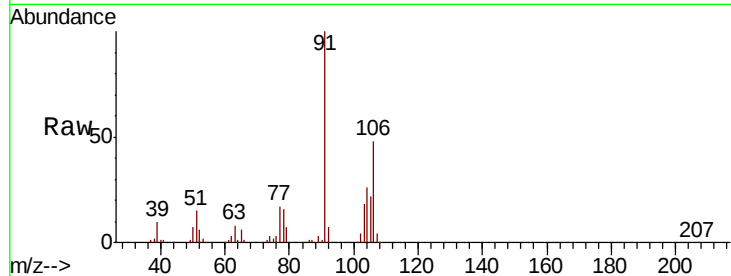




#69
o-Xylene
Concen: 19.889 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

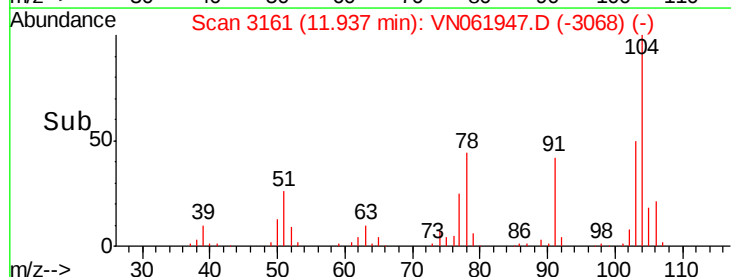
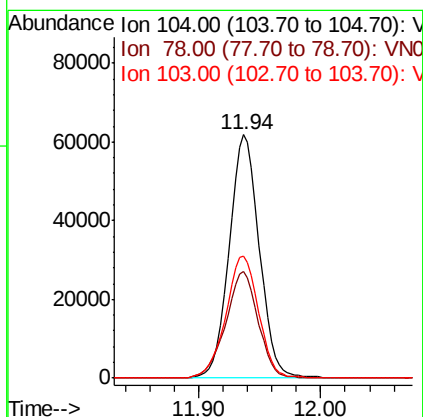
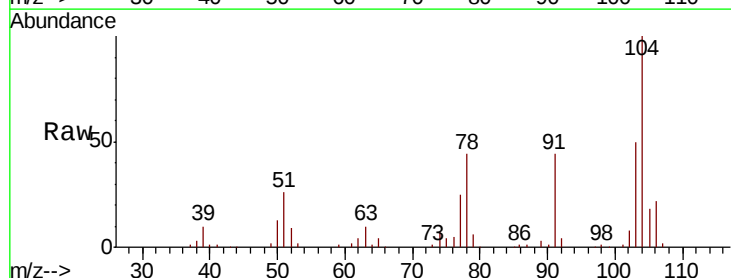
Instrument :
MSVOA_N
ClientSampled :
VN0619WBSD01

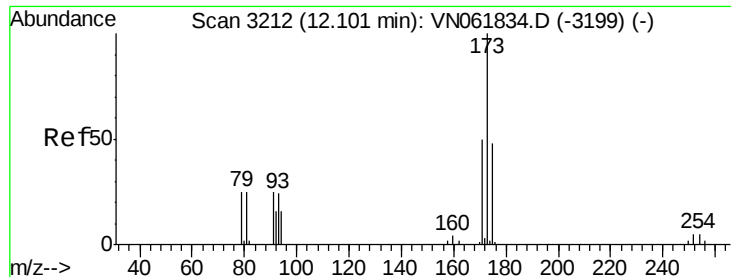
Tot Ion:106 Resp: 64678
Ion Ratio Lower Upper
106 100
91 207.1 103.0 308.9



#70
Styrene
Concen: 19.492 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion:104 Resp: 106138
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 54.6 43.0 64.4





#71

Bromoform

Concen: 19.559 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

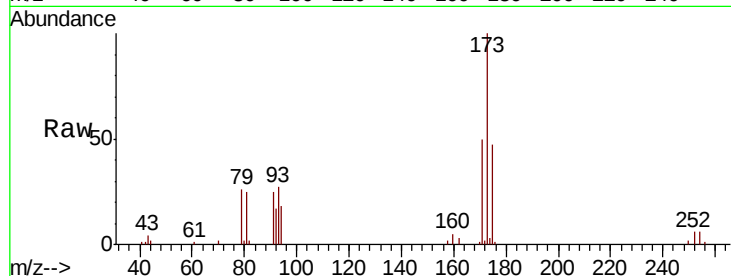
Tot Ion:173 Resp: 26221

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.7

254 0.0 0.0 0.0

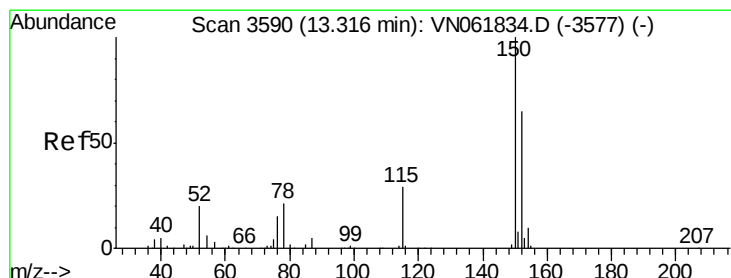
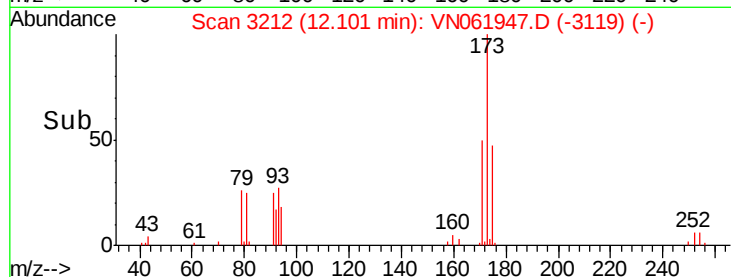
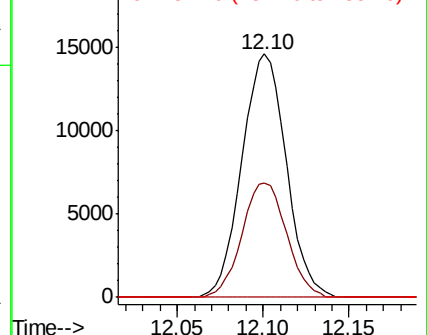


Abundance

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: VN061947.D

Acq: 19 Jun 2020 13:13

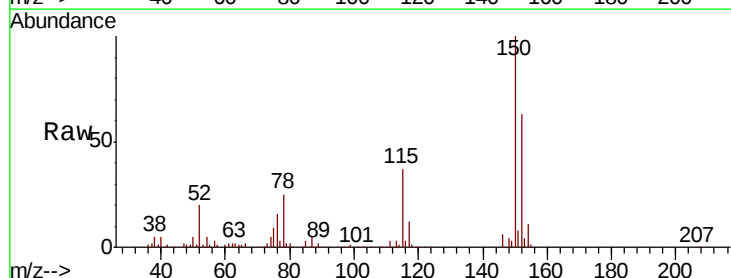
Tgt Ion:152 Resp: 114453

Ion Ratio Lower Upper

152 100

115 58.5 29.1 87.3

150 164.4 0.0 347.6

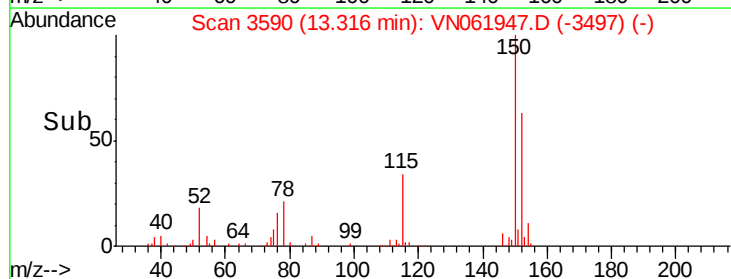
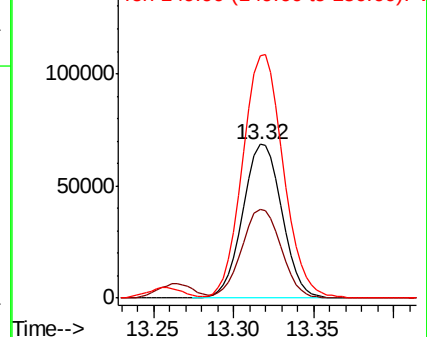


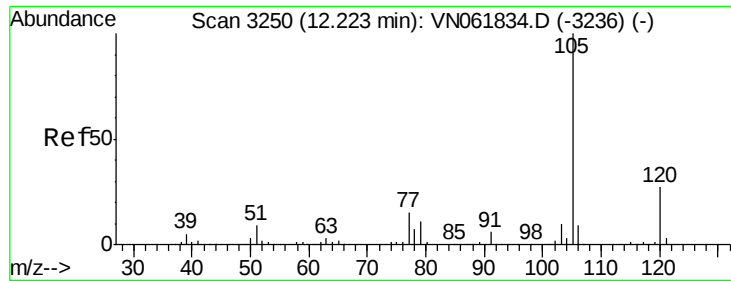
Abundance

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: 20.547 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

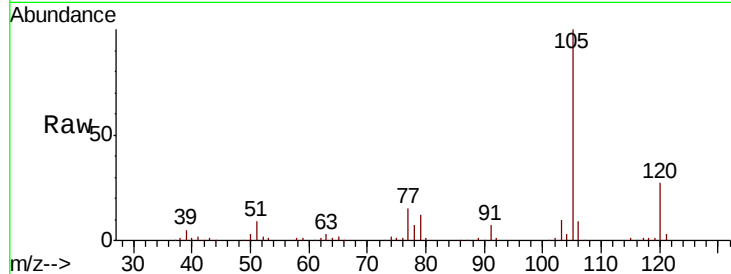
VN0619WBSD01

Tot Ion:105 Resp: 167113

Ion Ratio Lower Upper

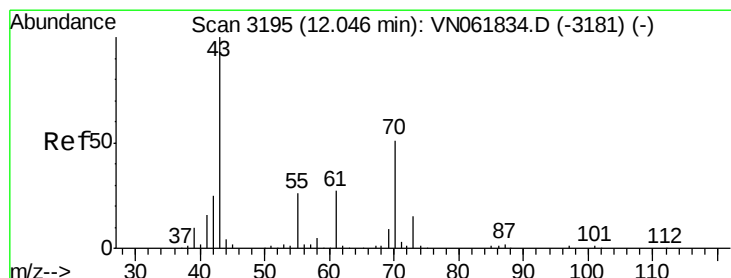
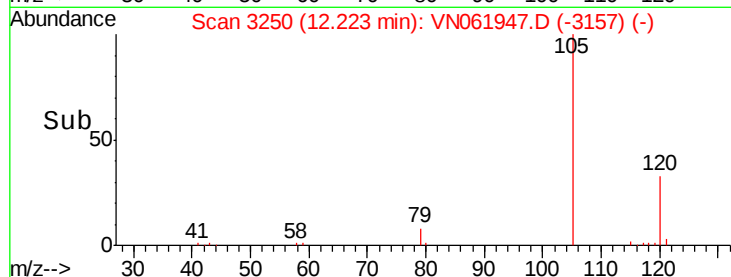
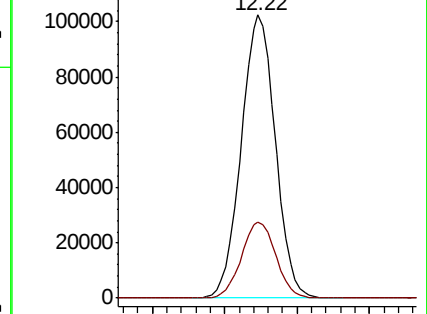
105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.992 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Tgt Ion: 43 Resp: 53114

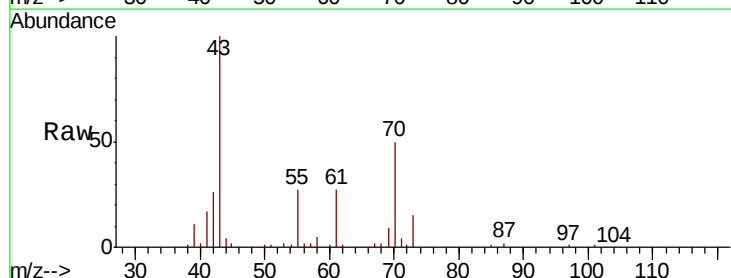
Ion Ratio Lower Upper

43 100

70 50.0 40.6 60.8

55 27.9 21.5 32.3

61 26.5 21.6 32.4

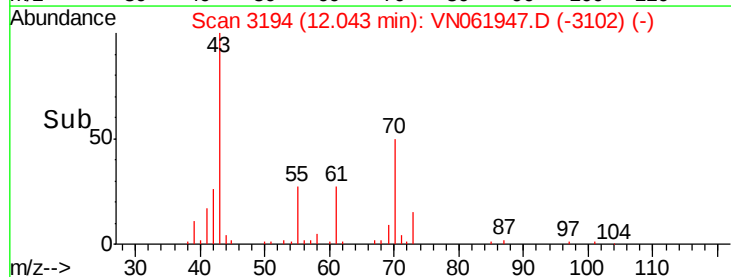
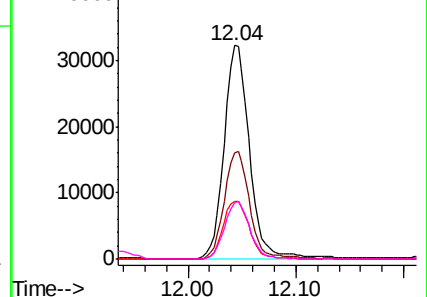


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.729 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

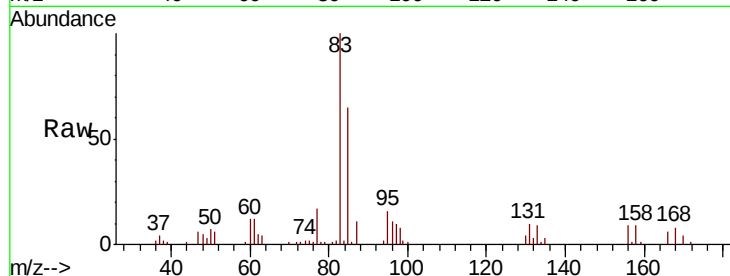
Tot Ion: 83 Resp: 54814

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

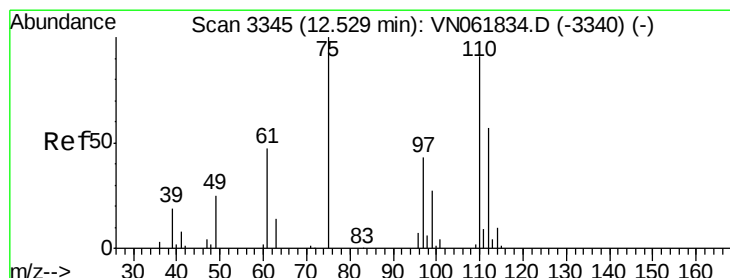
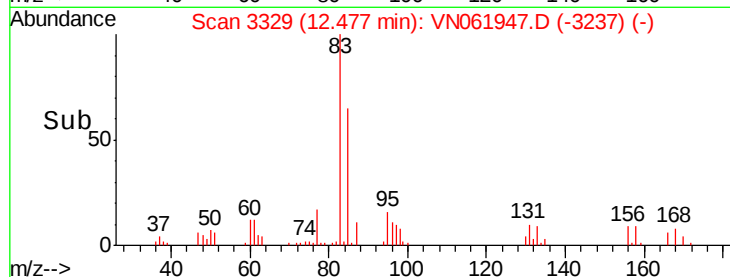
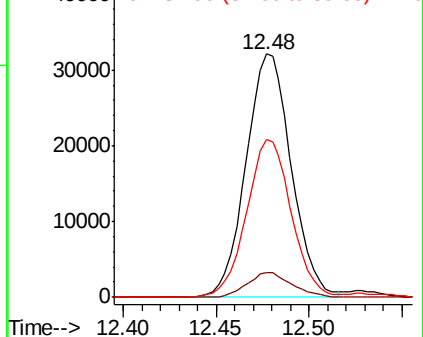
85 63.8 32.4 97.2



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) (-)



#76

1,2,3-Trichloropropane

Concen: 29.316 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061947.D

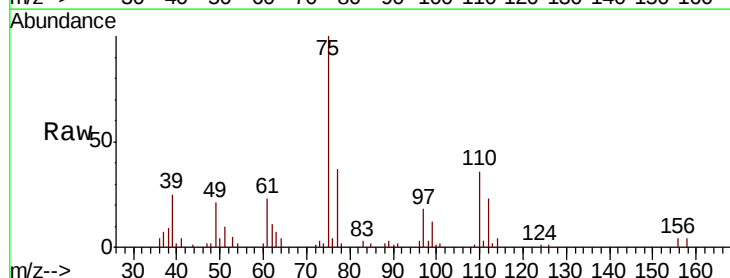
Acq: 19 Jun 2020 13:13

Tgt Ion: 75 Resp: 65872

Ion Ratio Lower Upper

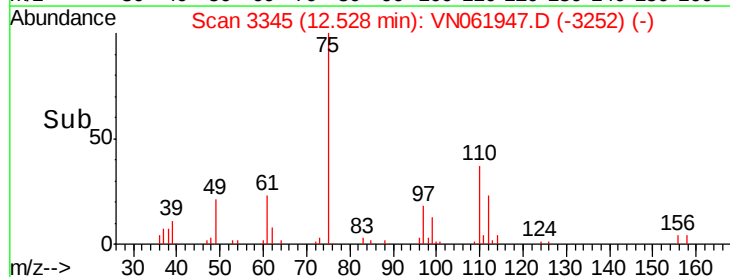
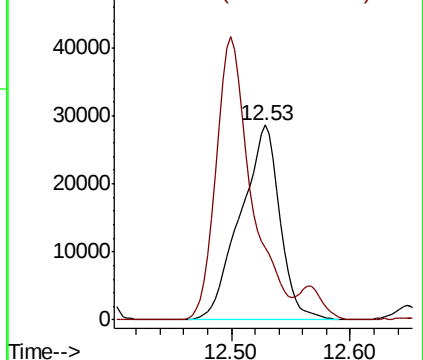
75 100

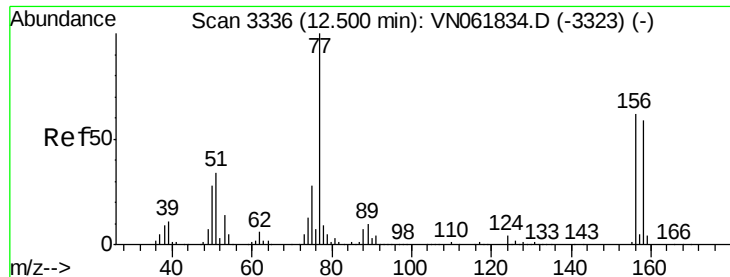
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 20.248 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

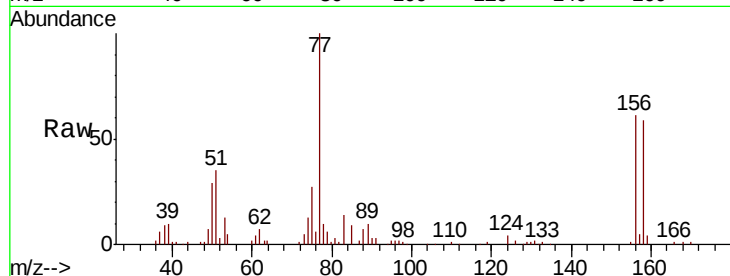
Tot Ion:156 Resp: 41546

Ion Ratio Lower Upper

156 100

77 205.5 100.7 302.1

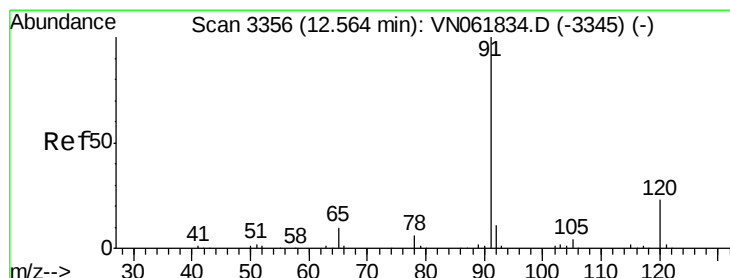
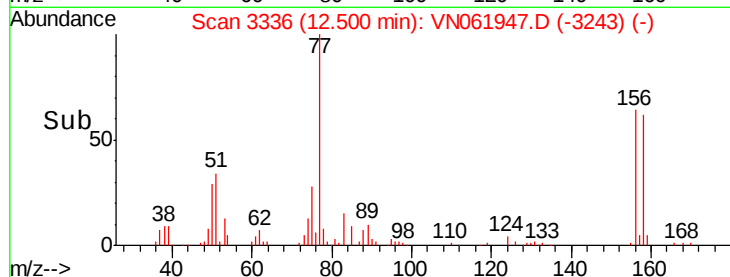
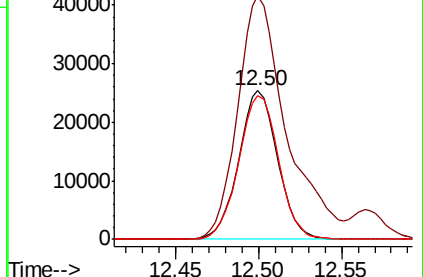
158 99.0 48.5 145.5



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: 20.427 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061947.D

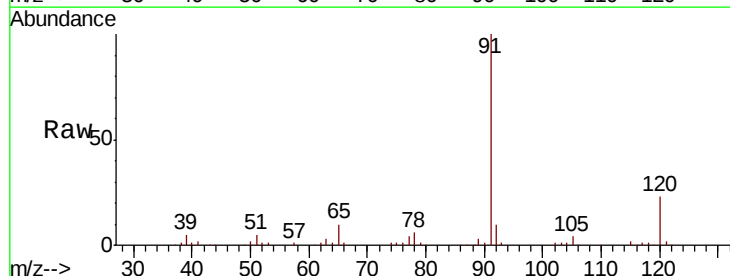
Acq: 19 Jun 2020 13:13

Tgt Ion: 91 Resp: 189573

Ion Ratio Lower Upper

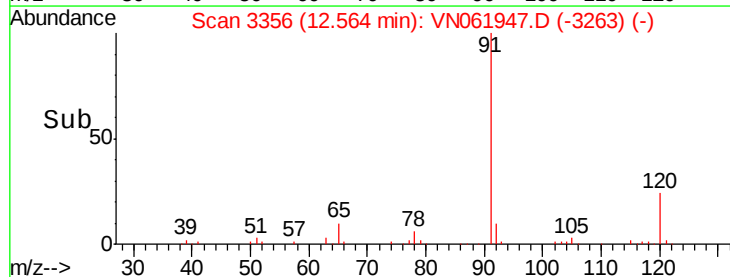
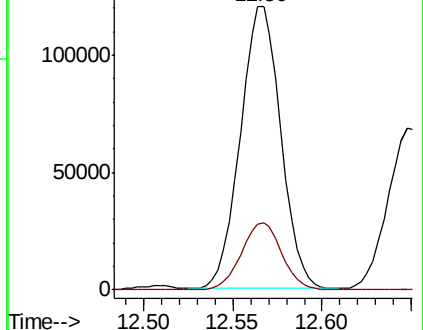
91 100

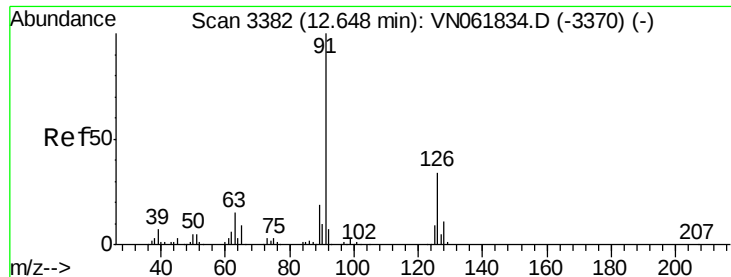
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

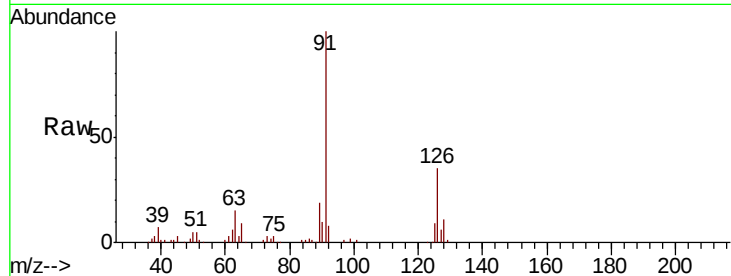




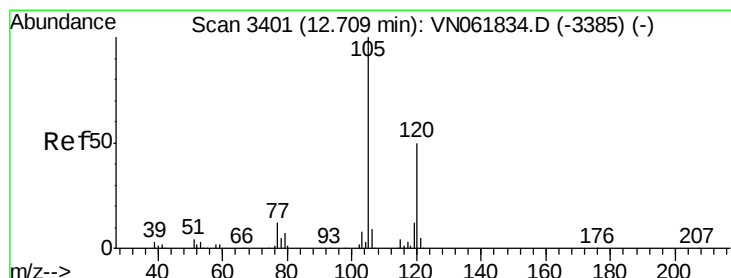
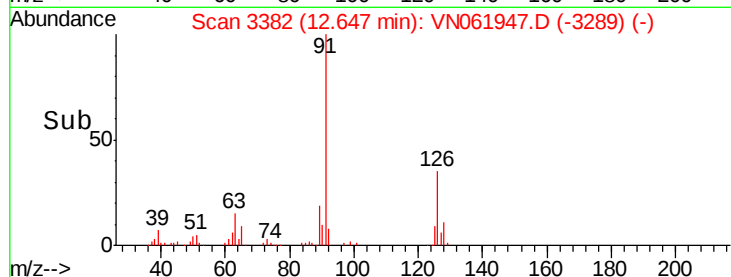
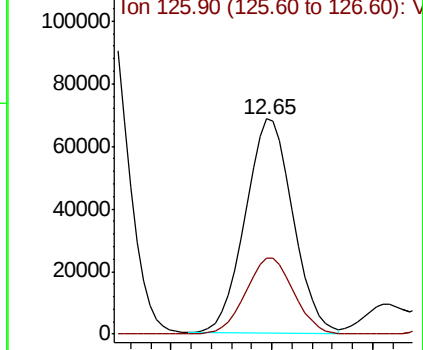
#79
 2-Chlorotoluene
 Concen: 20.261 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Instrument :
 MSVOA_N
 ClientSampled :
 VN0619WBSD01

Tot Ion: 91 Resp: 112928
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.3 51.7

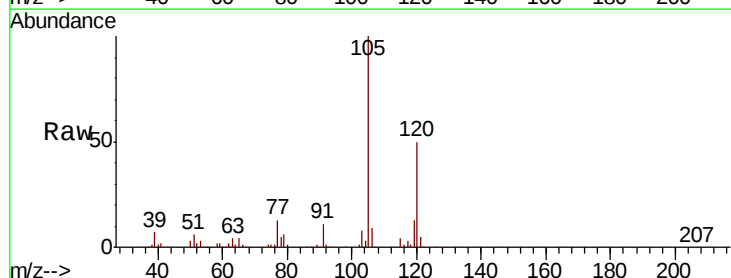


Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)

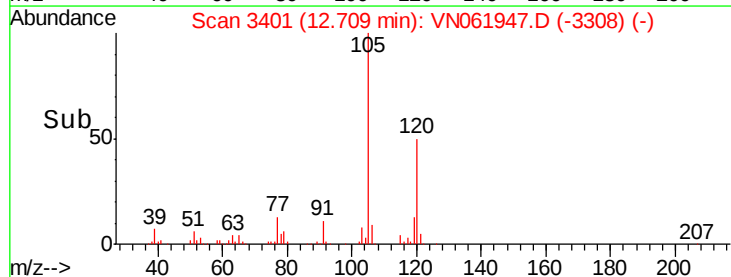
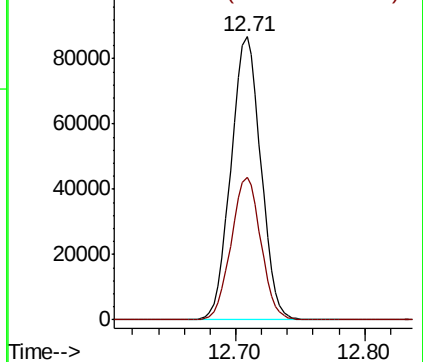


#80
 1,3,5-Trimethylbenzene
 Concen: 20.713 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion: 105 Resp: 139375
 Ion Ratio Lower Upper
 105 100
 120 49.9 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: 20.585 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

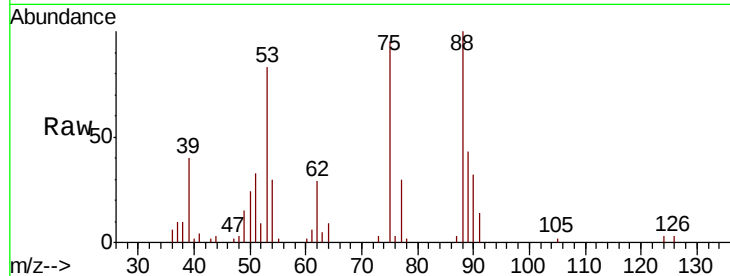
Tot Ion: 75 Resp: 16959

Ion Ratio Lower Upper

75 100

53 88.6 70.4 105.6

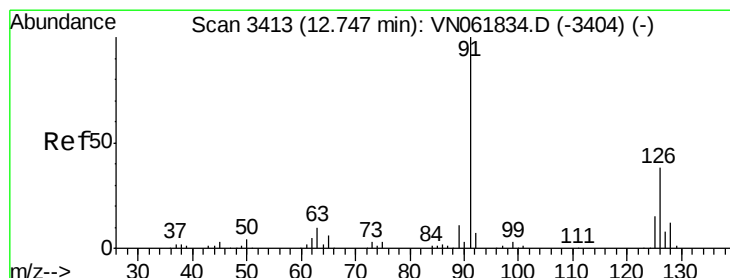
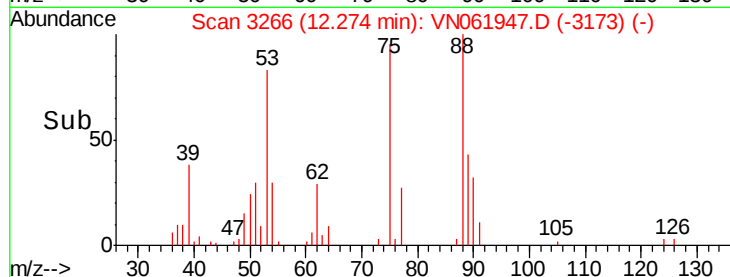
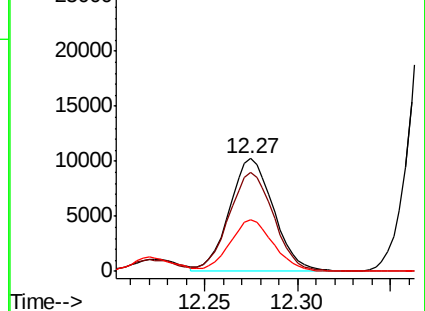
89 44.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 20.162 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061947.D

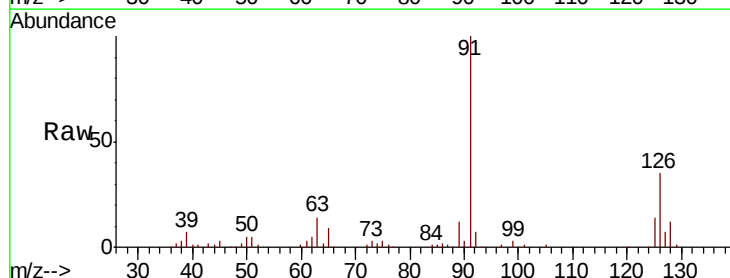
Acq: 19 Jun 2020 13:13

Tgt Ion: 91 Resp: 116120

Ion Ratio Lower Upper

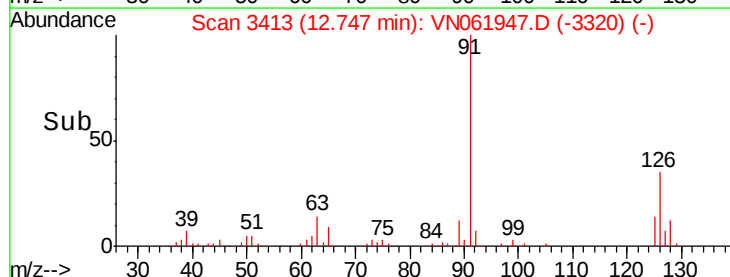
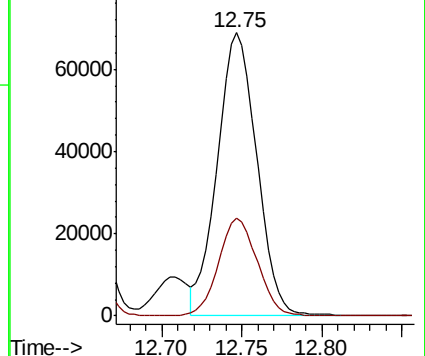
91 100

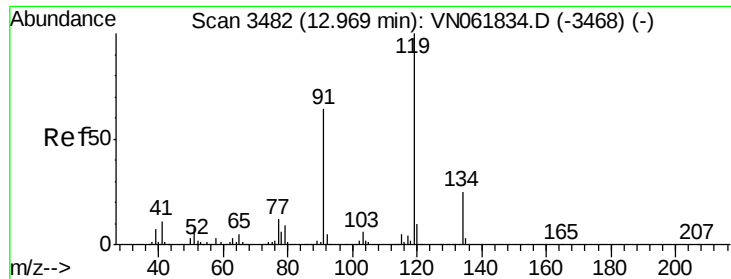
126 34.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

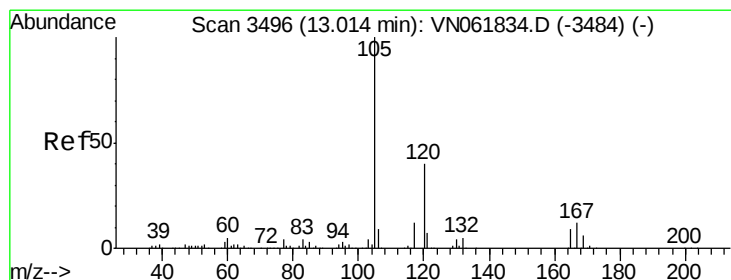
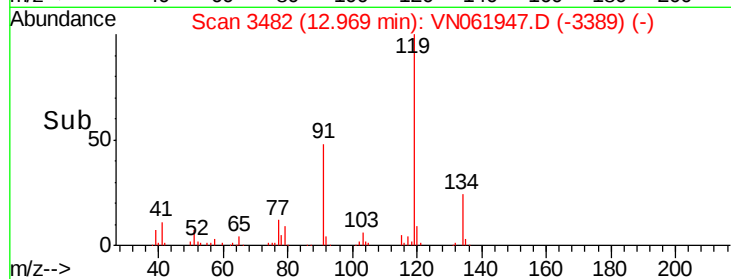
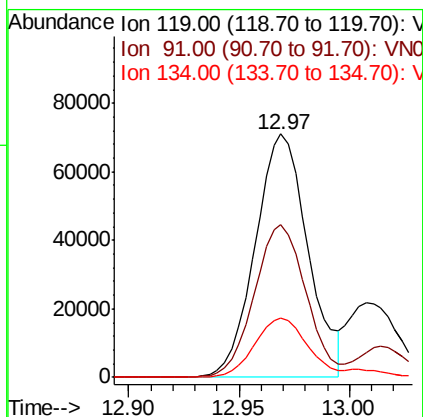
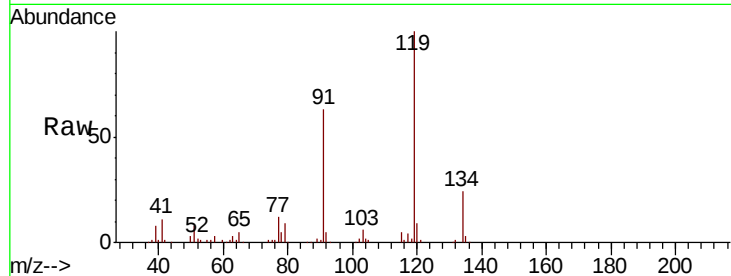




#83
 tert-Butylbenzene
 Concen: 20.580 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

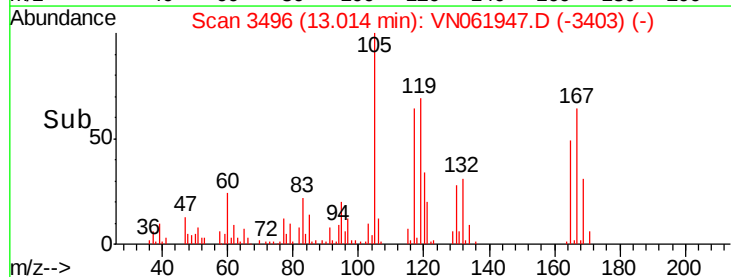
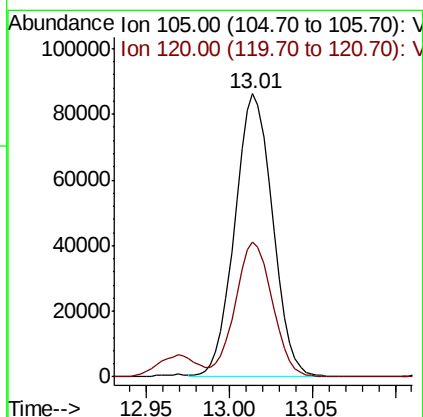
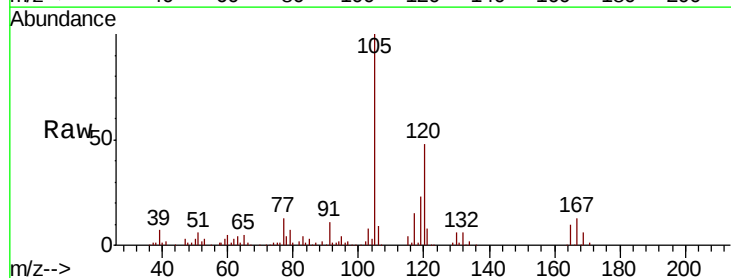
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

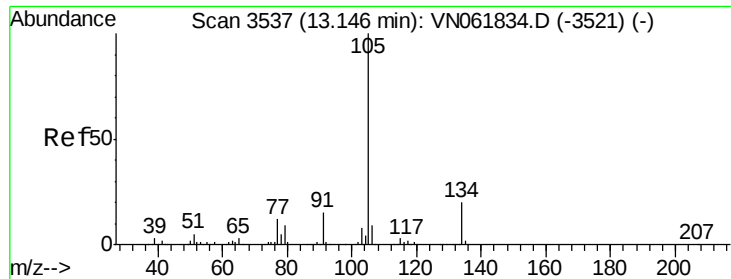
Tot Ion:119 Resp: 117395
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.5 94.5
 134 24.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.480 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion:105 Resp: 136030
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.3 69.9

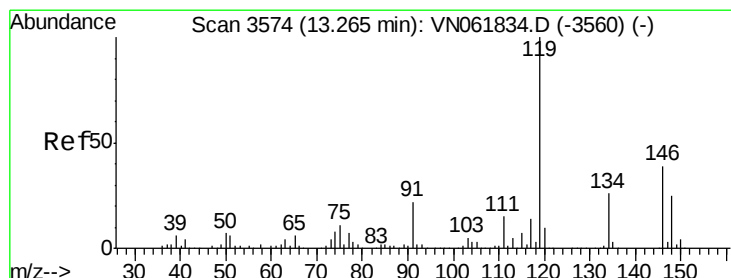
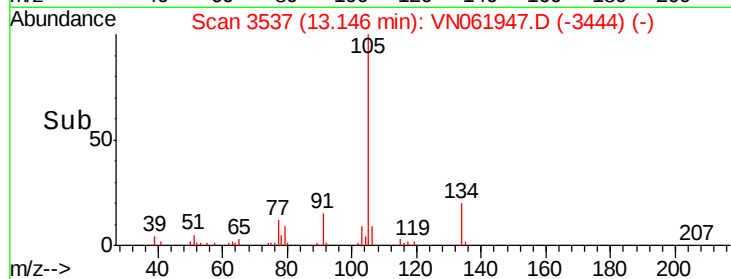
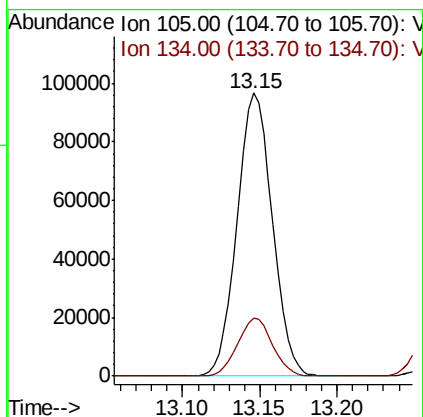
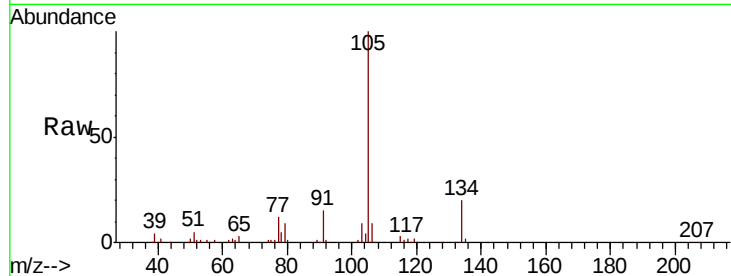




#85
 sec-Butylbenzene
 Concen: 20.523 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

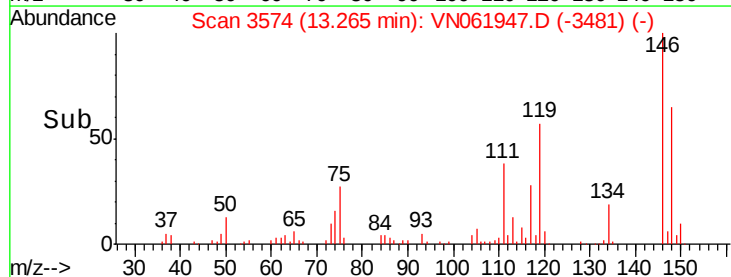
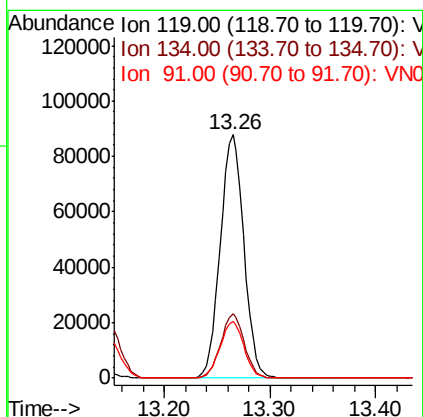
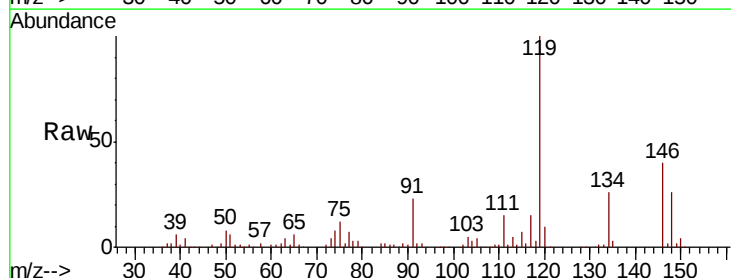
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0619WBSD01

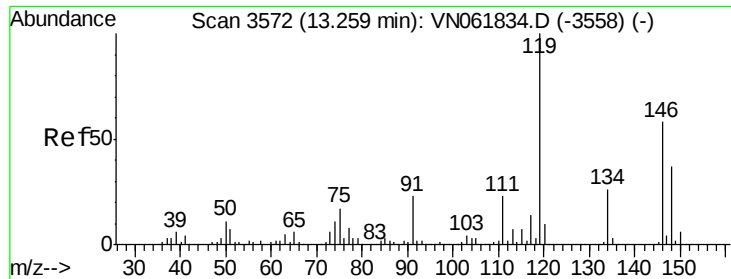
Tot Ion:105 Resp: 153238
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.486 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion:119 Resp: 136301
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 23.7 11.2 33.6

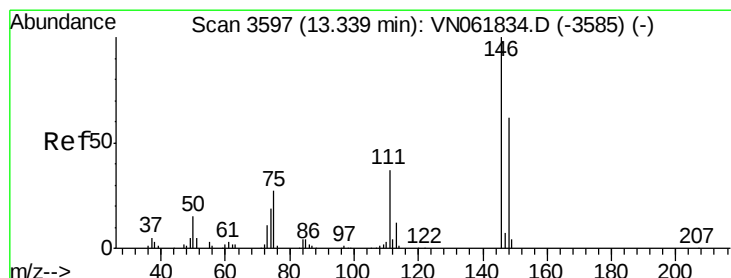
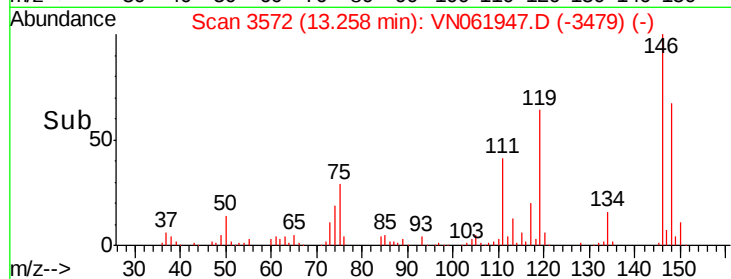
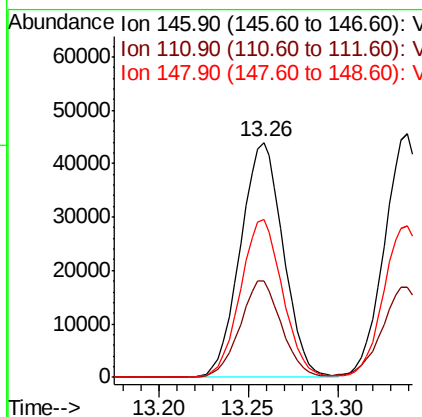
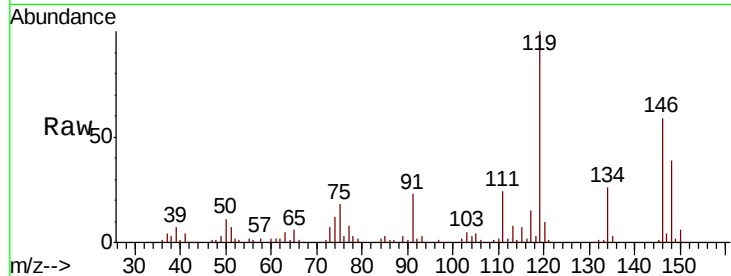




#87
 1,3-Dichlorobenzene
 Concen: 19.739 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

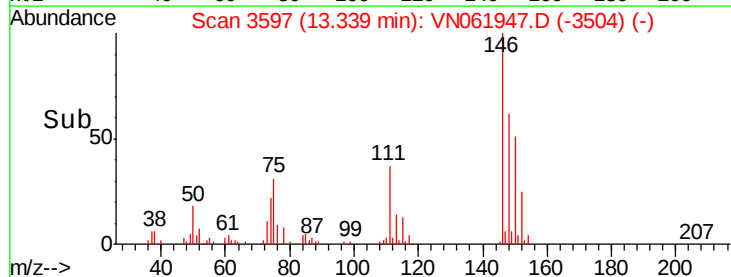
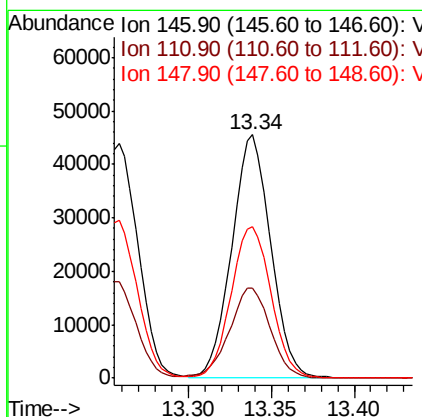
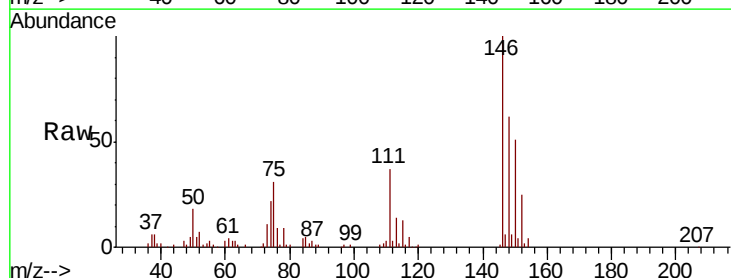
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Tot Ion:146 Resp: 73871
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 65.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.433 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion:146 Resp: 74441
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.8
 148 64.1 31.6 94.7

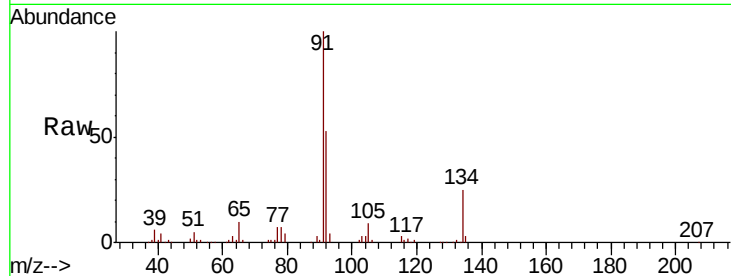




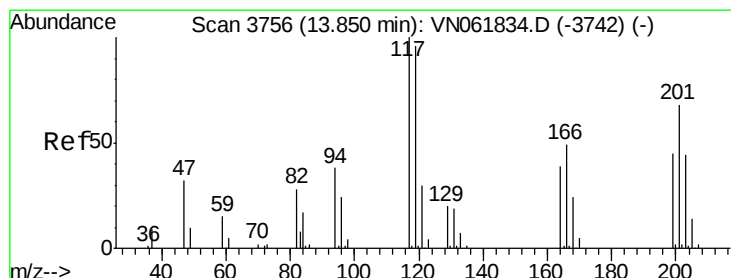
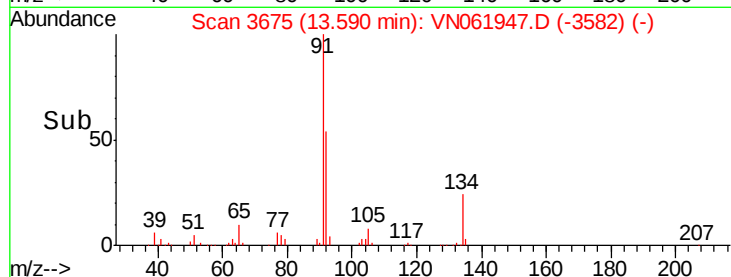
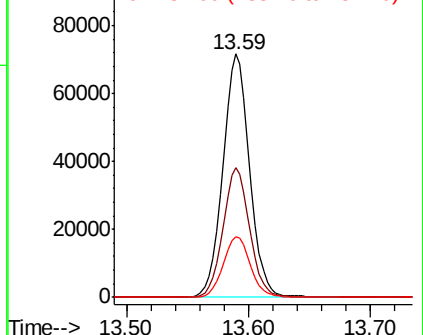
#89
n-Butylbenzene
Concen: 19.824 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion: 91 Resp: 110148
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 25.3 13.0 39.0

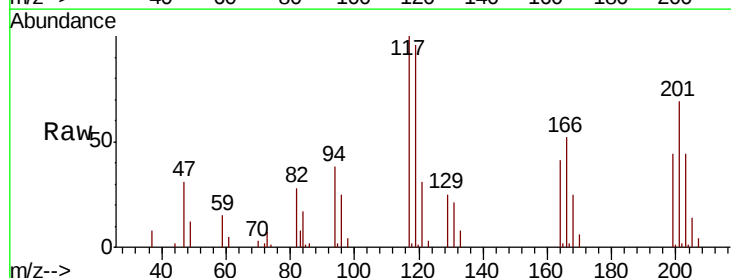


Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)

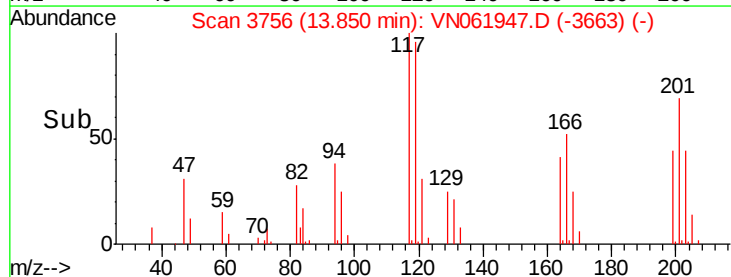
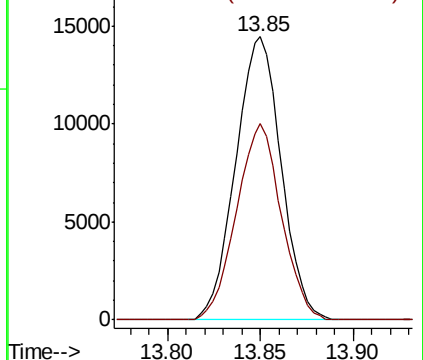


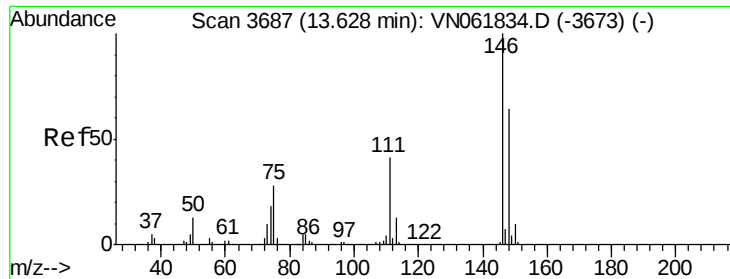
#90
Hexachloroethane
Concen: 20.249 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion: 117 Resp: 24661
Ion Ratio Lower Upper
117 100
201 68.4 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN061834.D (-3742) (-)

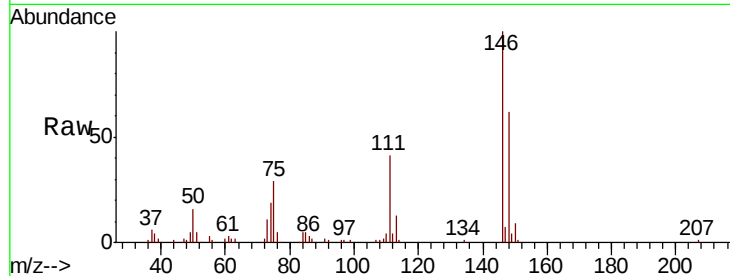




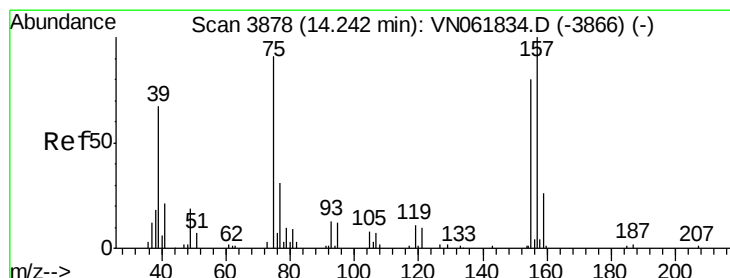
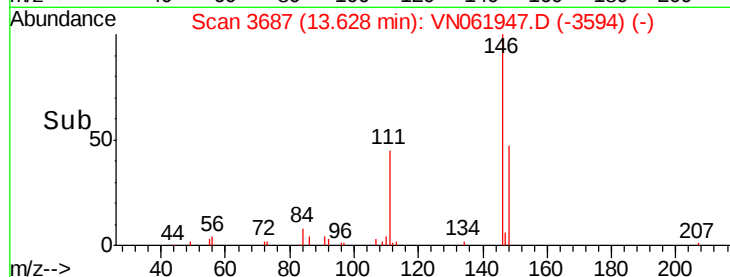
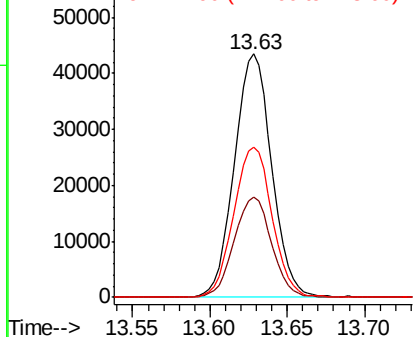
#91
 1,2-Dichlorobenzene
 Concen: 20.191 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Tot Ion:146 Resp: 72744
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.2
 148 63.6 31.8 95.4

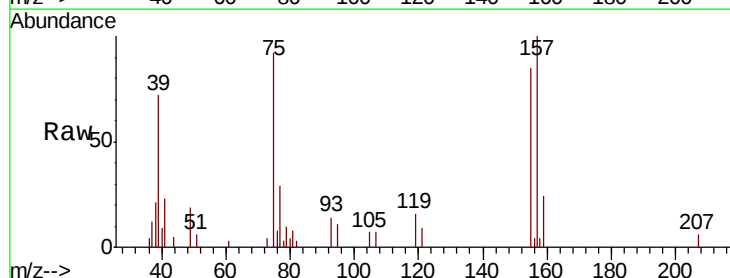


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

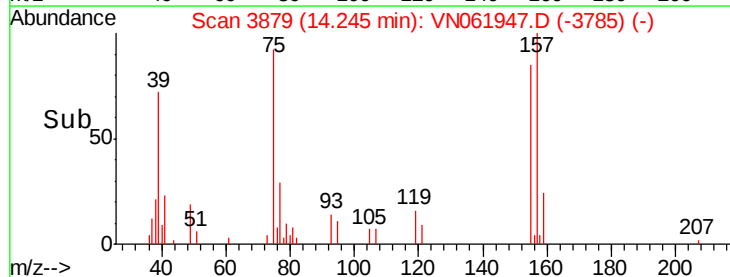
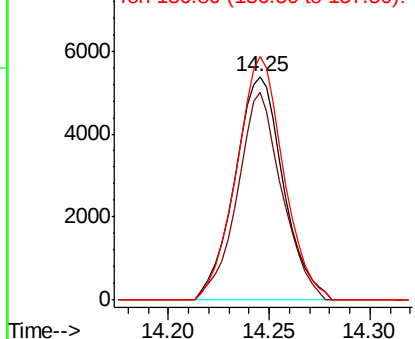


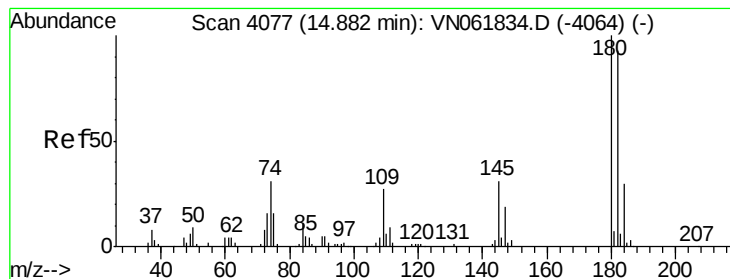
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.075 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061947.D
 Acq: 19 Jun 2020 13:13

Tgt Ion: 75 Resp: 9047
 Ion Ratio Lower Upper
 75 100
 155 85.4 44.4 133.2
 157 105.9 57.0 171.2



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





#93

1,2,4-Trichlorobenzene

Concen: 19.438 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

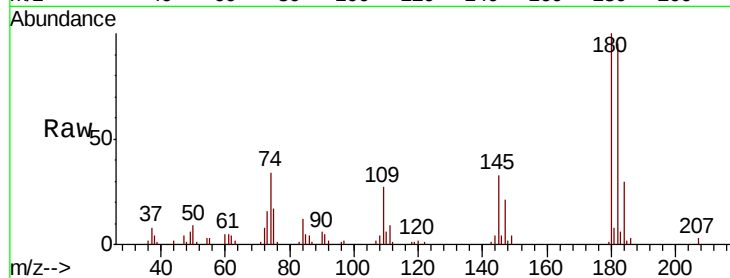
Tot Ion:180 Resp: 33046

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.2

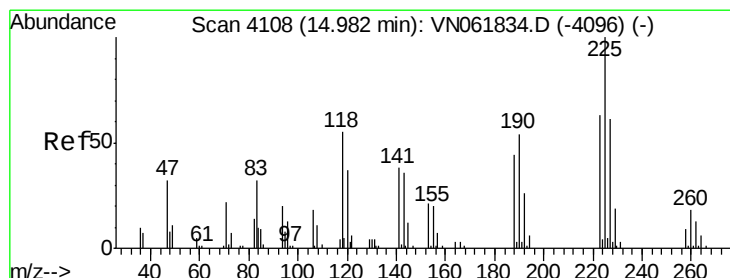
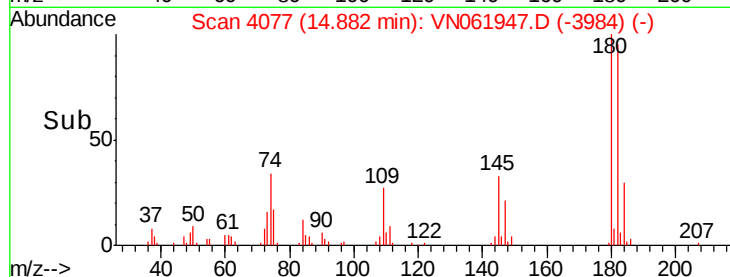
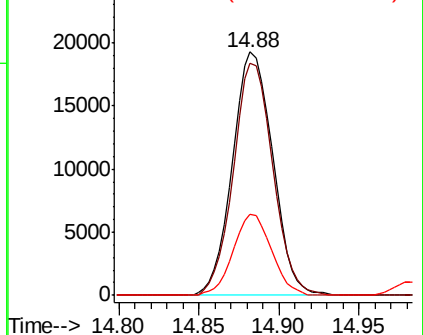
145 31.6 15.8 47.3



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: 20.900 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN061947.D

Acq: 19 Jun 2020 13:13

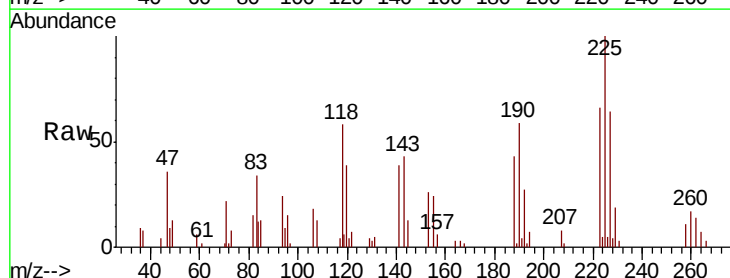
Tgt Ion:225 Resp: 13994

Ion Ratio Lower Upper

225 100

223 63.1 31.7 95.1

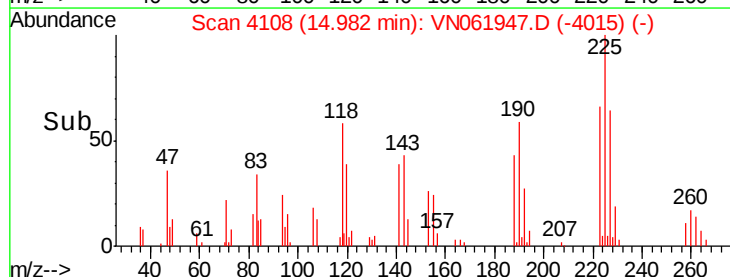
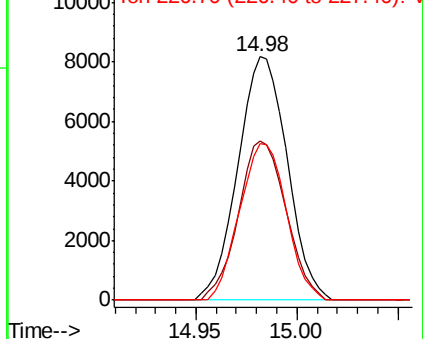
227 60.9 30.1 90.3

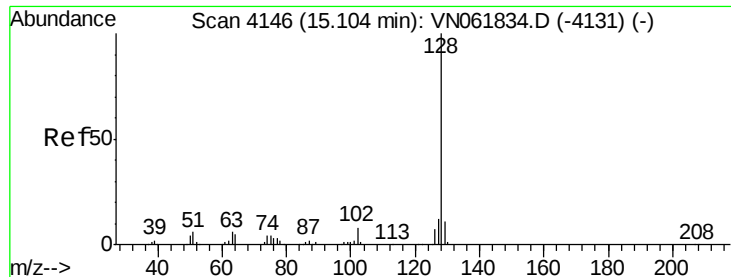


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

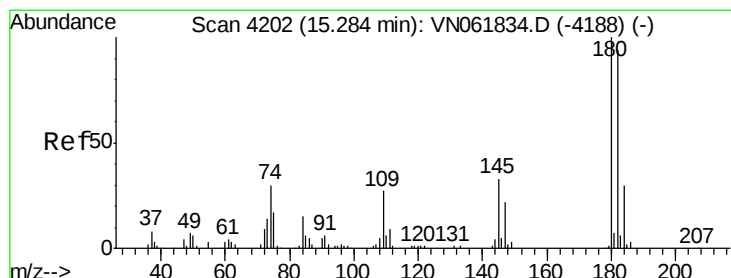
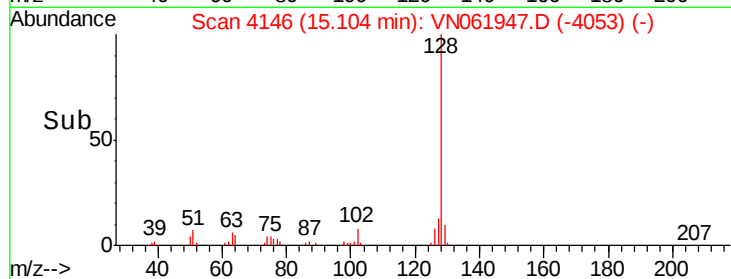
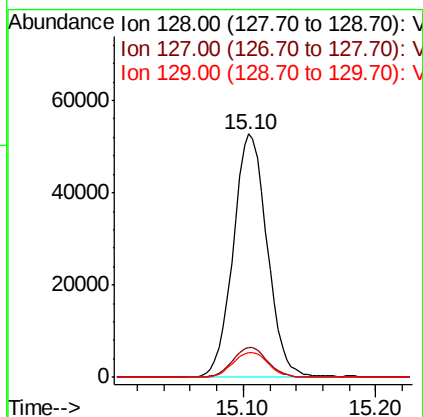
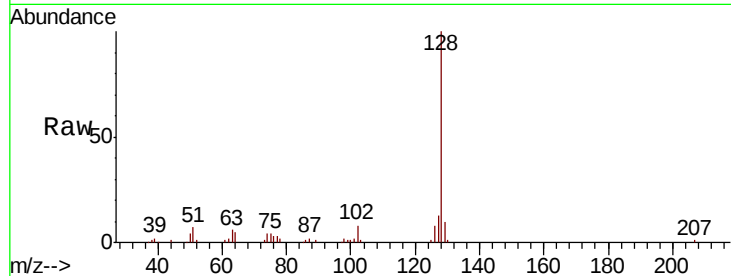




#95
Naphthalene
Concen: 18.825 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tot Ion:128 Resp: 93887
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.779 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061947.D
Acq: 19 Jun 2020 13:13

Tgt Ion:180 Resp: 33301
Ion Ratio Lower Upper
180 100
182 98.1 47.9 143.6
145 34.7 16.5 49.5

