

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061184.D
 Acq On : 29 Apr 2020 11:55
 Operator : JC/MD
 Sample : VN0429WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Quant Time: Apr 29 15:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	99131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	170900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76387	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	78592	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.54	113	49358	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.06	98	201327	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.37	95	74854	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	20149	19.168	ug/l 99
3) Chloromethane	2.03	50	23421	18.396	ug/l 98
4) Vinyl Chloride	2.16	62	26828	18.553	ug/l 99
5) Bromomethane	2.54	94	13348	18.674	ug/l 98
6) Chloroethane	2.67	64	17240	18.810	ug/l 98
7) Trichlorofluoromethane	2.98	101	33574	20.579	ug/l 99
8) Diethyl Ether	3.37	74	13578	19.953	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	20312	19.326	ug/l 99
10) Methyl Iodide	3.91	142	24750	18.323	ug/l 98
11) Tert butyl alcohol	4.72	59	20803	99.005	ug/l 99
12) 1,1-Dichloroethene	3.69	96	19148	18.307	ug/l 98
13) Acrolein	3.56	56	10431	74.494	ug/l 94
14) Allyl chloride	4.27	41	39885	20.567	ug/l 98
15) Acrylonitrile	4.92	53	61107	94.737	ug/l 99
16) Acetone	3.77	43	56481	89.560	ug/l 100
17) Carbon Disulfide	4.00	76	53983	18.685	ug/l 97
18) Methyl Acetate	4.27	43	35017	18.124	ug/l 98
19) Methyl tert-butyl Ether	4.98	73	77076	19.286	ug/l 99
20) Methylene Chloride	4.50	84	23117	18.900	ug/l 96
21) trans-1,2-Dichloroethene	4.98	96	21701	19.054	ug/l 96
22) Diisopropyl ether	5.90	45	85828	19.085	ug/l 100
23) Vinyl Acetate	5.84	43	344817	95.228	ug/l 99
24) 1,1-Dichloroethane	5.79	63	44709	19.028	ug/l 98
25) 2-Butanone	6.78	43	85685	92.316	ug/l 100
26) 2,2-Dichloropropane	6.77	77	39211	19.813	ug/l 99
27) cis-1,2-Dichloroethene	6.77	96	26053	19.493	ug/l 99
28) Bromochloromethane	7.14	49	21534	19.336	ug/l 98
29) Tetrahydrofuran	7.16	42	58165	93.029	ug/l 99
30) Chloroform	7.33	83	44543	18.707	ug/l 99
31) Cyclohexane	7.61	56	41116	18.019	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	38546	18.590	ug/l 97
36) 1,1-Dichloropropene	7.75	75	32811	19.179	ug/l 99
37) Ethyl Acetate	6.87	43	37013	18.455	ug/l 99
38) Carbon Tetrachloride	7.73	117	27689	19.215	ug/l 100

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0429WBSD01

Quant Time: Apr 29 15:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.04	83	36220	18.878	ug/l	99
40) Benzene	8.00	78	96797	18.991	ug/l	99
41) Methacrylonitrile	7.12	41	18003	21.619	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	38519	19.949	ug/l	100
43) Isopropyl Acetate	8.12	43	63101	18.958	ug/l	99
44) Trichloroethene	8.80	130	25364	18.409	ug/l	98
45) 1,2-Dichloropropane	9.08	63	25978	19.078	ug/l	98
46) Dibromomethane	9.17	93	16904	20.050	ug/l	98
47) Bromodichloromethane	9.36	83	35352	19.535	ug/l	99
48) Methyl methacrylate	9.16	41	28128	18.727	ug/l	96
49) 1,4-Dioxane	9.16	88	7129	418.131	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	186342	95.110	ug/l	99
52) Toluene	10.12	92	58733	19.131	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	39805	19.521	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	41750	19.367	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	23450	19.150	ug/l	98
56) Ethyl methacrylate	10.40	69	35022	18.245	ug/l	96
57) 1,3-Dichloropropane	10.68	76	41791	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	94723	95.565	ug/l	99
59) 2-Hexanone	10.72	43	134583	94.419	ug/l	99
60) Dibromochloromethane	10.87	129	24748	19.297	ug/l	99
61) 1,2-Dibromoethane	10.98	107	23792	19.385	ug/l	98
64) Tetrachloroethene	10.60	164	26659	19.228	ug/l	98
65) Chlorobenzene	11.40	112	60715	19.120	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	21872	19.244	ug/l	99
67) Ethyl Benzene	11.48	91	112956	19.002	ug/l	99
68) m/p-Xylenes	11.59	106	82382	37.861	ug/l	99
69) o-Xylene	11.92	106	38747	18.539	ug/l	98
70) Styrene	11.94	104	65226	18.646	ug/l	99
71) Bromoform	12.10	173	16344	19.567	ug/l #	100
73) Isopropylbenzene	12.22	105	106195	18.911	ug/l	98
74) N-amyl acetate	12.04	43	53642	18.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	33365	19.055	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	47143	29.273	ug/l #	100
77) Bromobenzene	12.50	156	25020	19.301	ug/l	100
78) n-propylbenzene	12.56	91	128363	19.272	ug/l	100
79) 2-Chlorotoluene	12.65	91	74943	19.143	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	90239	19.416	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	12275	19.356	ug/l	99
82) 4-Chlorotoluene	12.75	91	79625	19.297	ug/l	98
83) tert-Butylbenzene	12.97	119	75224	19.194	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	90420	18.883	ug/l	99
85) sec-Butylbenzene	13.15	105	102589	19.200	ug/l	100
86) p-Isopropyltoluene	13.26	119	92796	19.276	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	45662	19.134	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	46543	19.088	ug/l	99
89) n-Butylbenzene	13.59	91	85588	19.393	ug/l	99
90) Hexachloroethane	13.85	117	8574	22.097	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	44188	19.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7080	19.145	ug/l	98

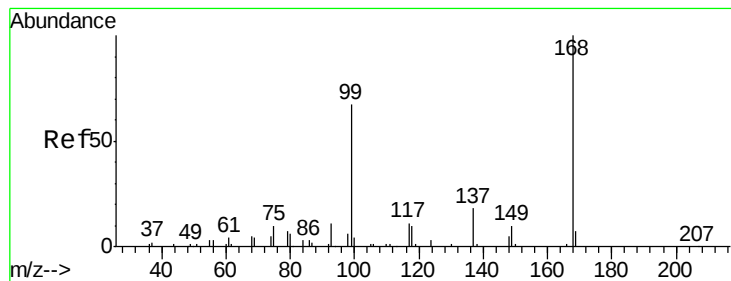
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
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Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	26504	19.021	ug/l	99
94) Hexachlorobutadiene	14.98	225	11565	19.867	ug/l	99
95) Naphthalene	15.10	128	82584	18.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	26156	19.013	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

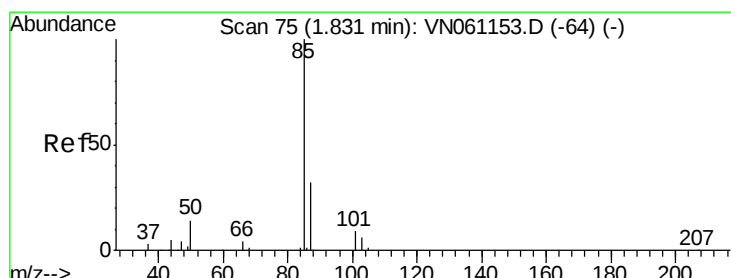
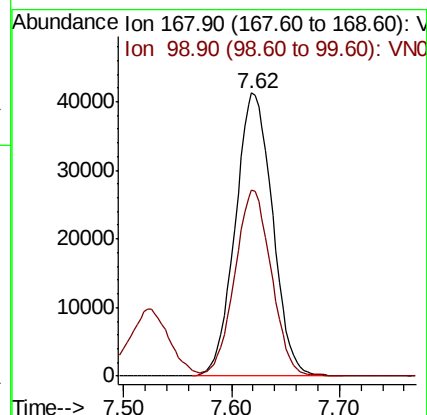
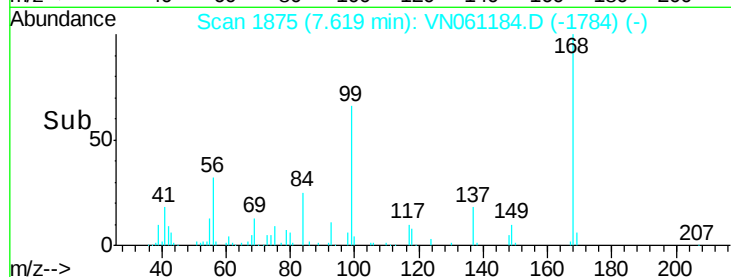
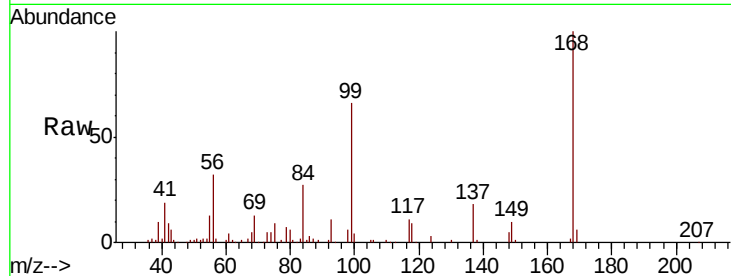
VN0429WBSD01

Tot Ion:168 Resp: 99131

Ion Ratio Lower Upper

168 100

99 65.7 51.2 76.8



#2

Dichlorodifluoromethane

Concen: 19.168 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061184.D

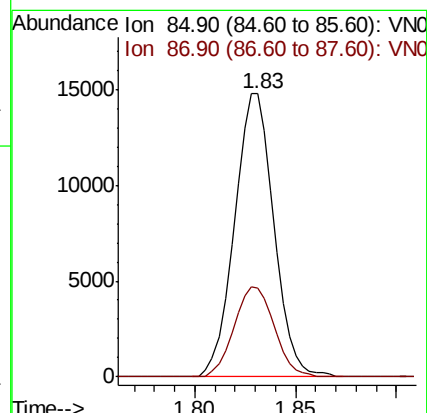
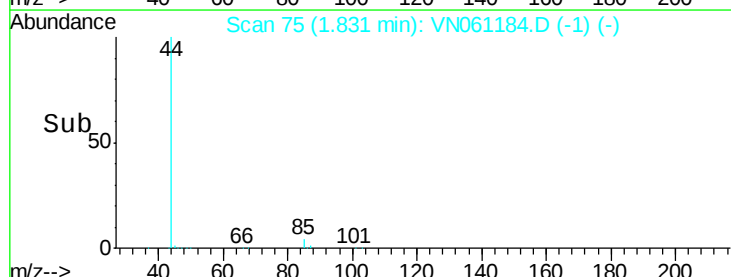
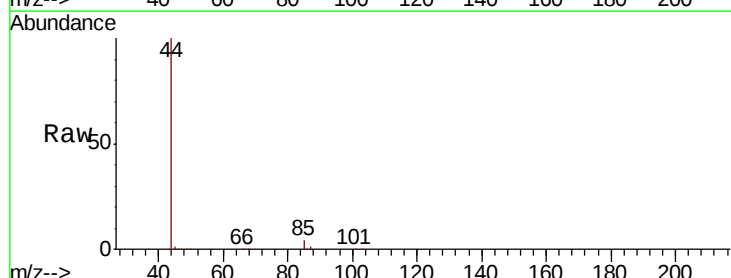
Acq: 29 Apr 2020 11:55

Tgt Ion: 85 Resp: 20149

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2





#3

Chloromethane

Concen: 18.396 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

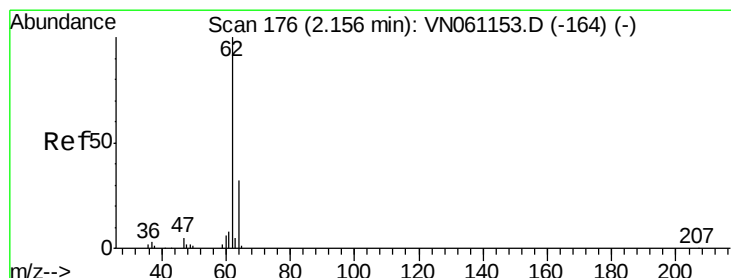
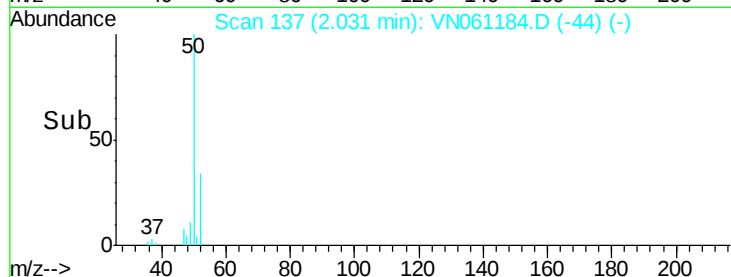
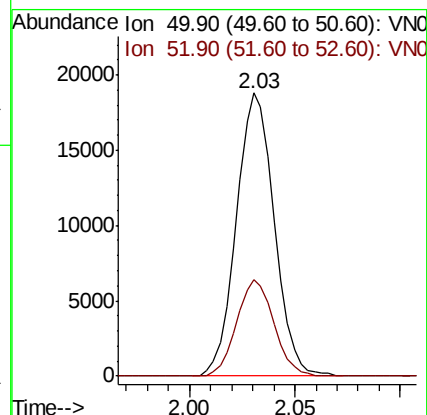
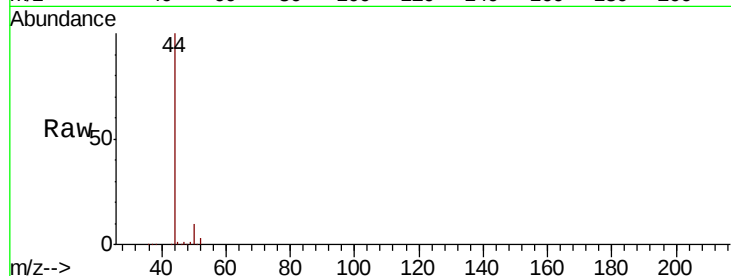
VN0429WBSD01

Tot Ion: 50 Resp: 23421

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 18.553 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061184.D

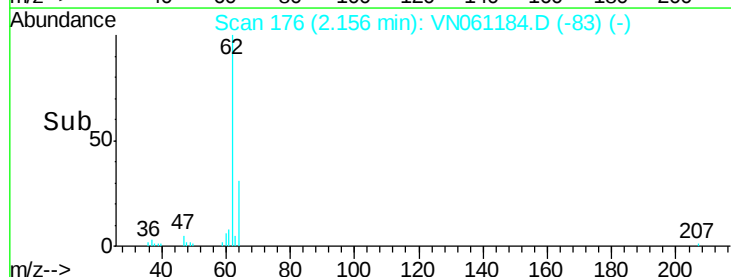
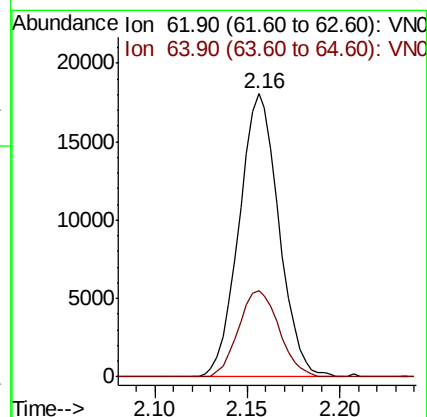
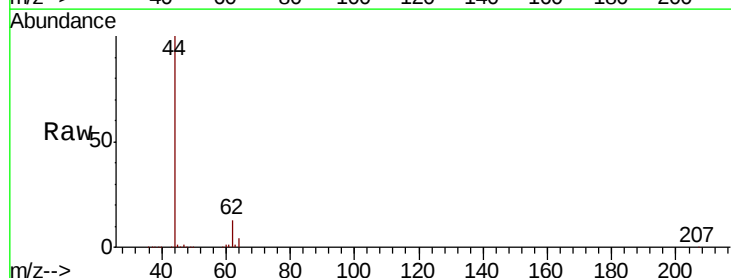
Acq: 29 Apr 2020 11:55

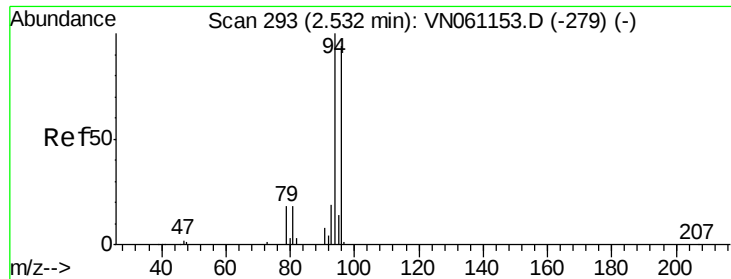
Tgt Ion: 62 Resp: 26828

Ion Ratio Lower Upper

62 100

64 30.7 25.2 37.8





#5

Bromomethane

Concen: 18.674 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

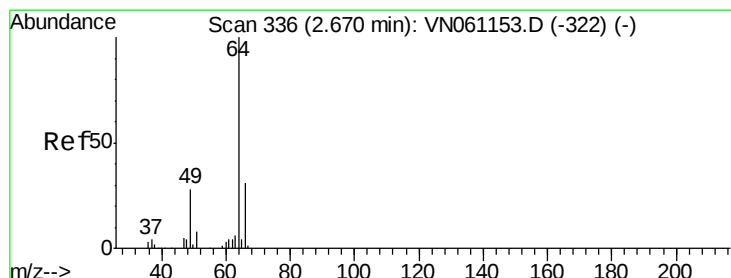
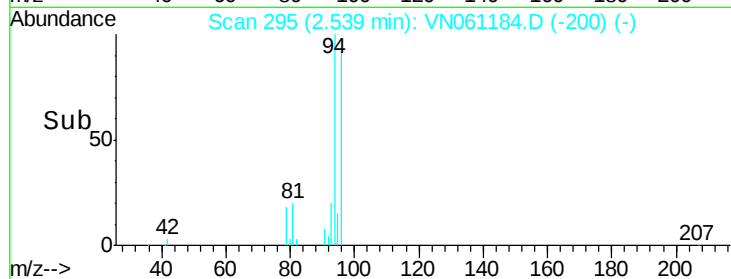
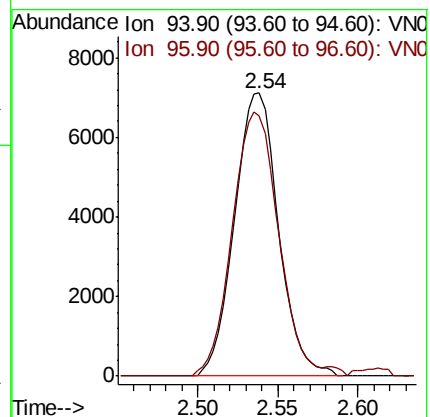
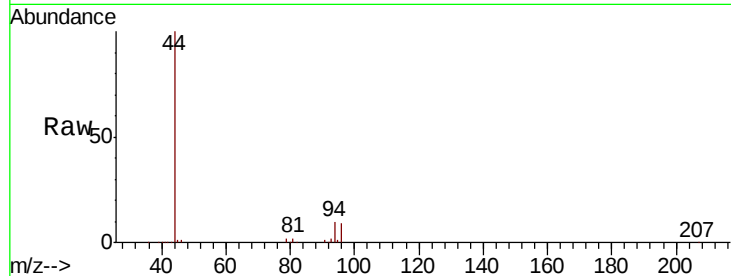
VN0429WBSD01

Tot Ion: 94 Resp: 13348

Ion Ratio Lower Upper

94 100

96 92.1 75.1 112.7



#6

Chloroethane

Concen: 18.810 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061184.D

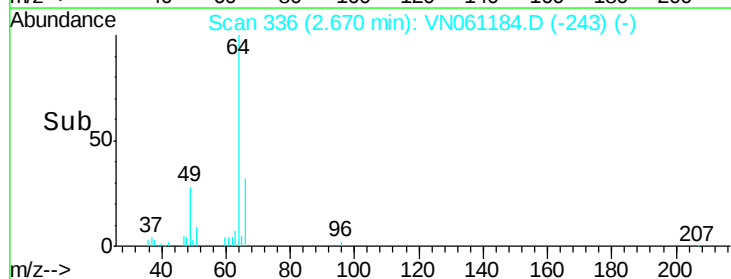
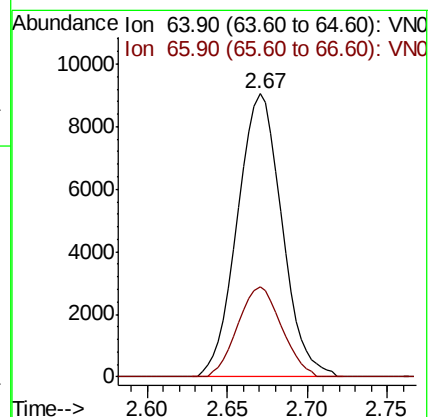
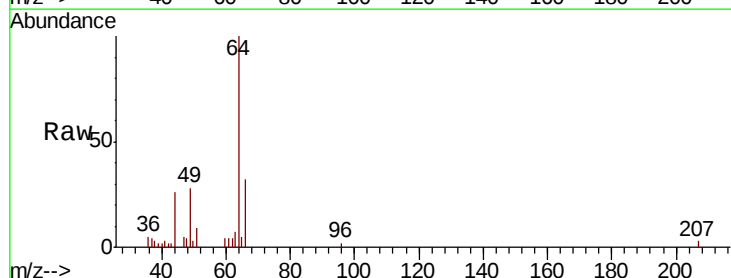
Acq: 29 Apr 2020 11:55

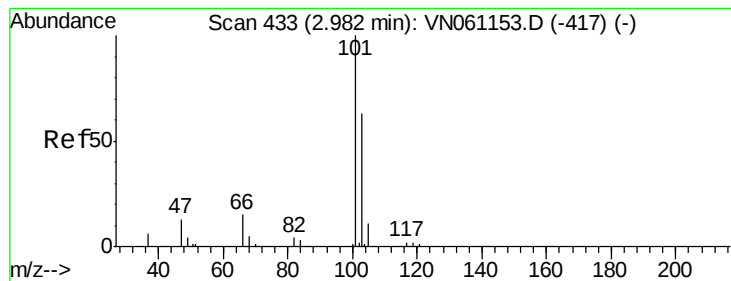
Tgt Ion: 64 Resp: 17240

Ion Ratio Lower Upper

64 100

66 31.6 24.6 36.8



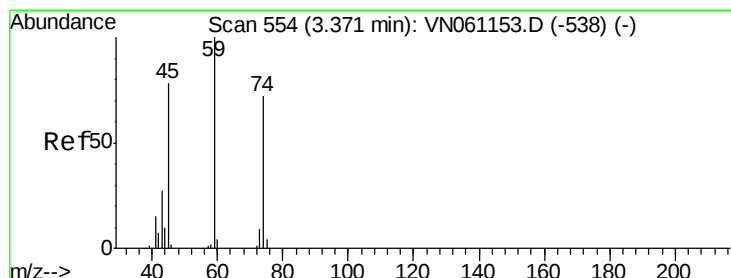
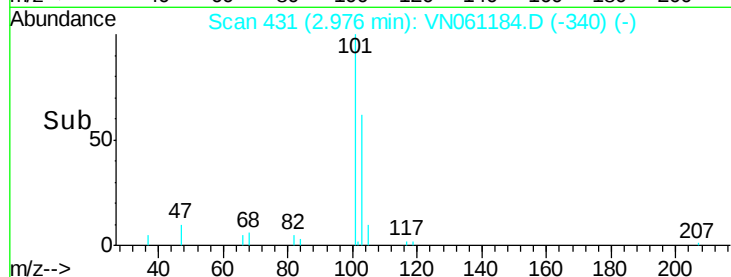
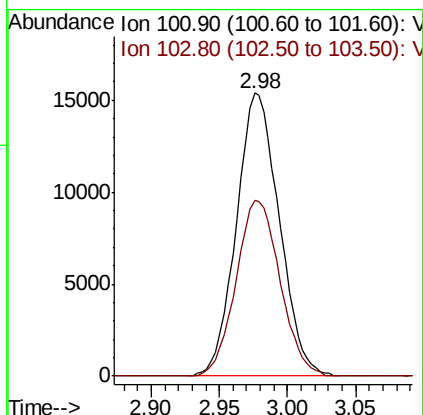
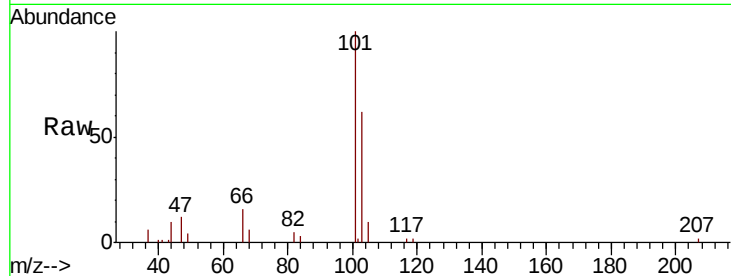


#7

Trichlorofluoromethane
 Concen: 20.579 ug/l
 RT: 2.98 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

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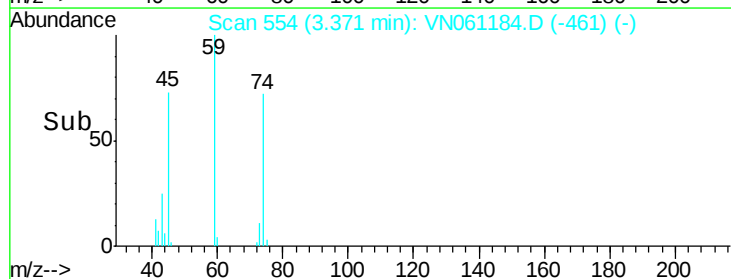
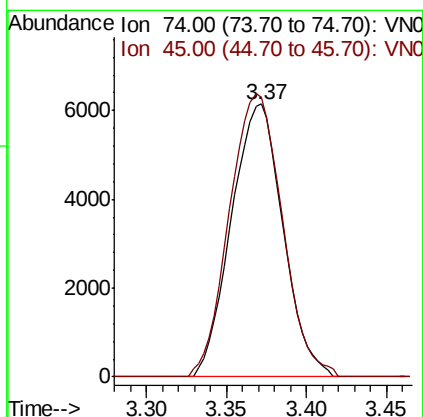
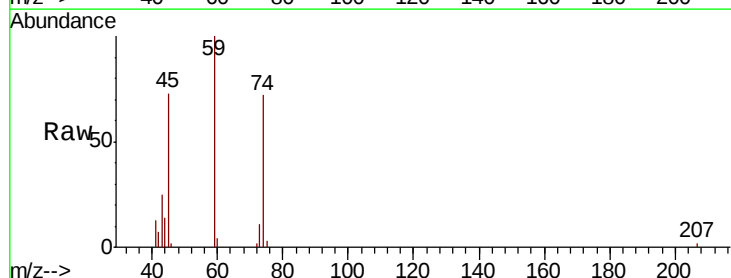
Tot Ion:101 Resp: 33574
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.6 76.0

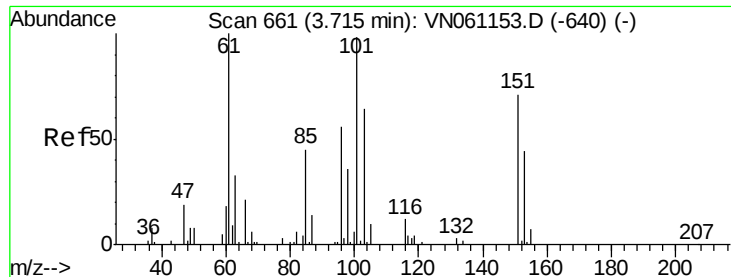


#8

Diethyl Ether
 Concen: 19.953 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 74 Resp: 13578
 Ion Ratio Lower Upper
 74 100
 45 106.6 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.326 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

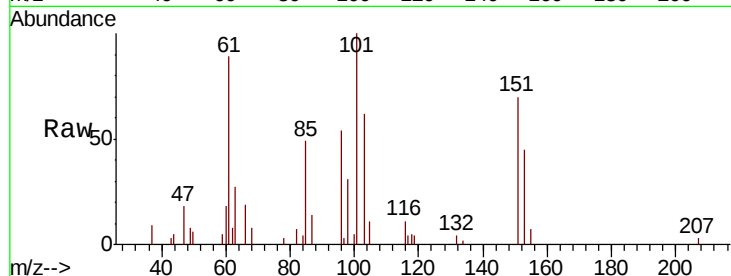
Tot Ion:101 Resp: 20312

Ion Ratio Lower Upper

101 100

85 47.0 37.2 55.8

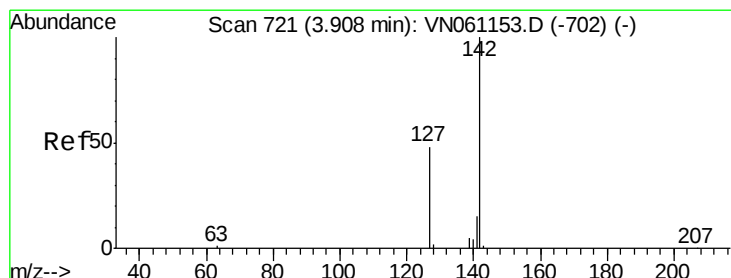
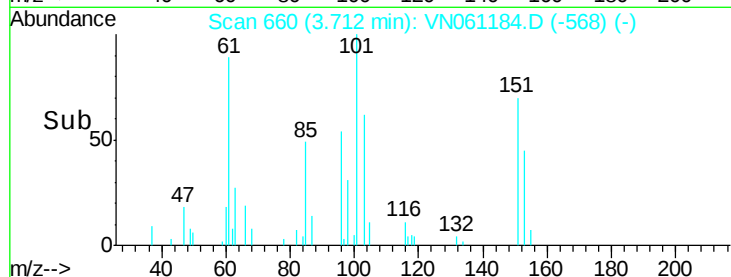
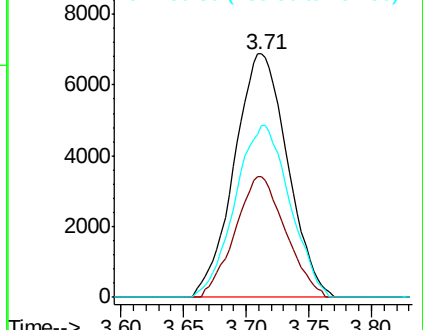
151 72.6 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.323 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

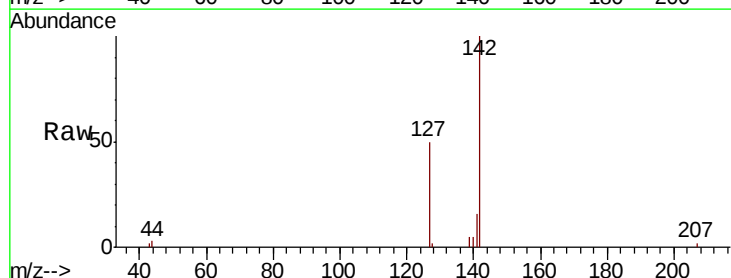
Tgt Ion:142 Resp: 24750

Ion Ratio Lower Upper

142 100

127 49.5 38.0 57.0

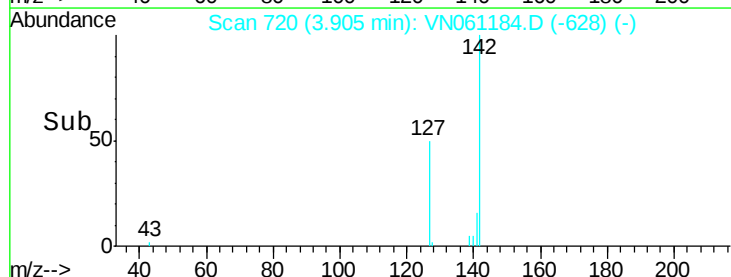
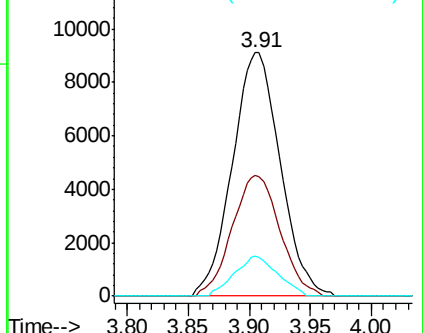
141 14.8 11.7 17.5

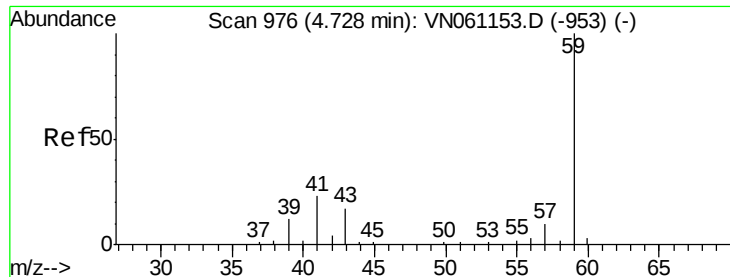


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

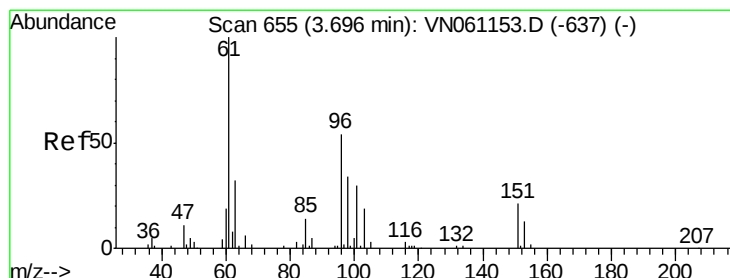
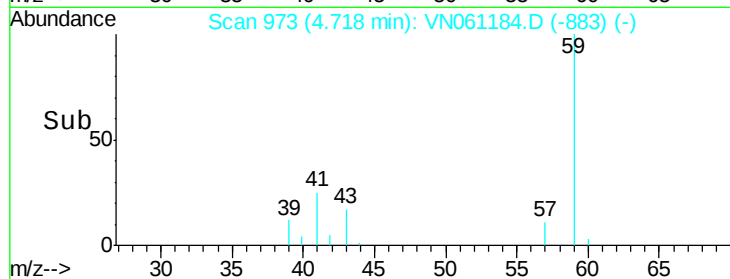
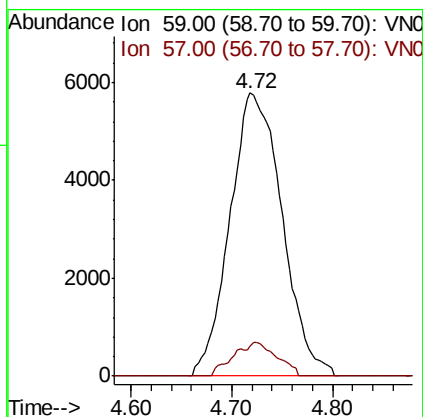
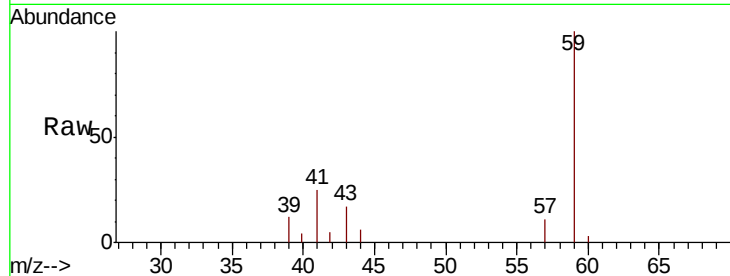




#11
Tert butyl alcohol
Concen: 99.005 ug/l
RT: 4.72 min Scan# 973
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

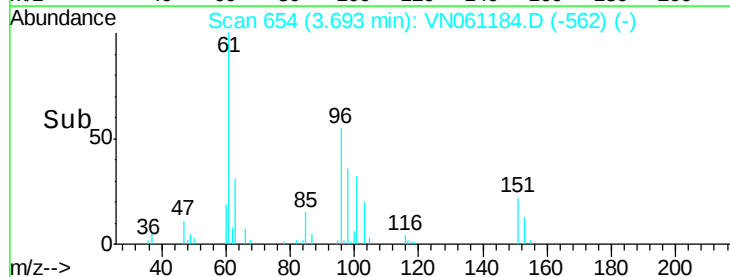
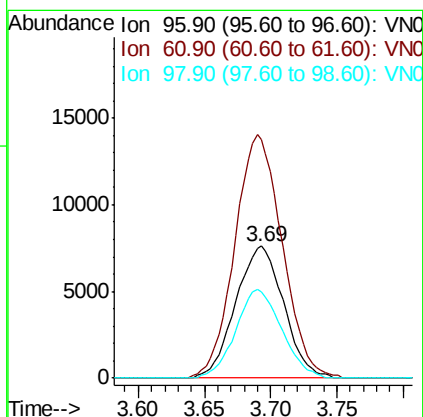
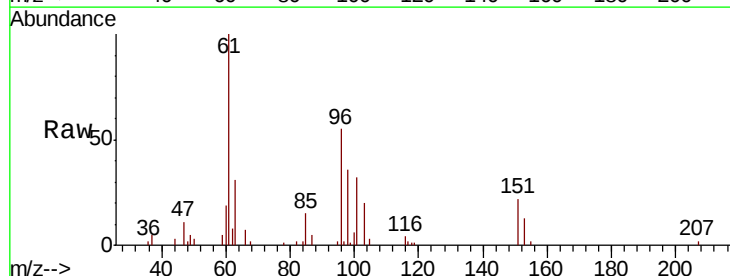
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

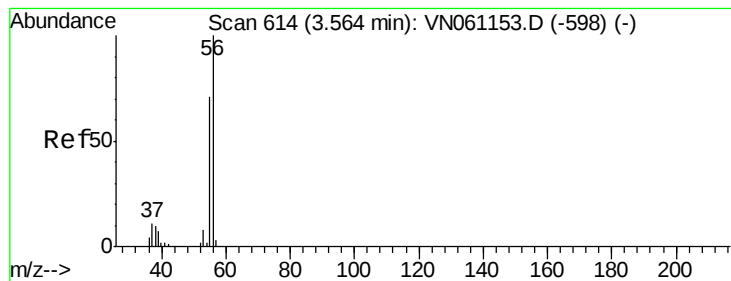
Tot Ion: 59 Resp: 20803
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.307 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 96 Resp: 19148
Ion Ratio Lower Upper
96 100
61 181.2 147.0 220.6
98 65.3 49.8 74.6





#13

Acrolein

Concen: 74.494 ug/l

RT: 3.56 min Scan# 612

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

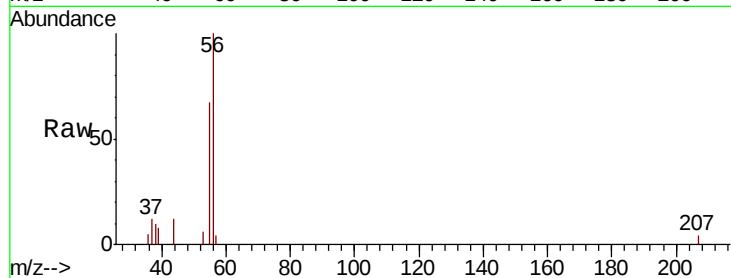
VN0429WBSD01

Tot Ion: 56 Resp: 10431

Ion Ratio Lower Upper

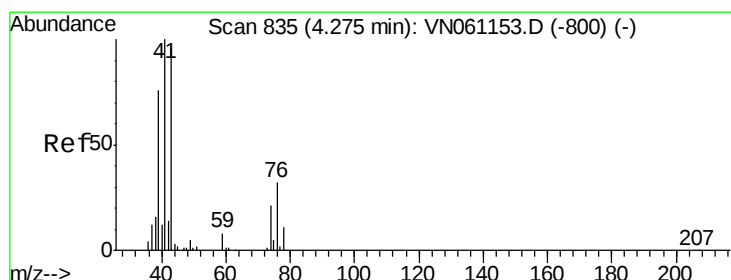
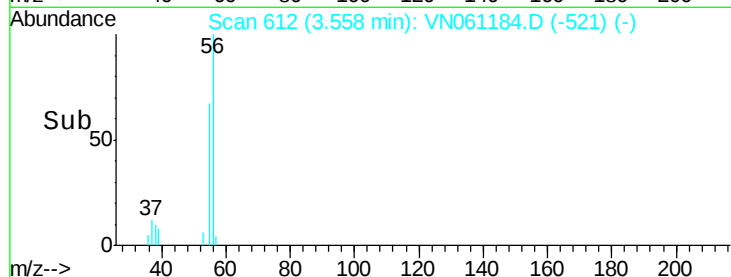
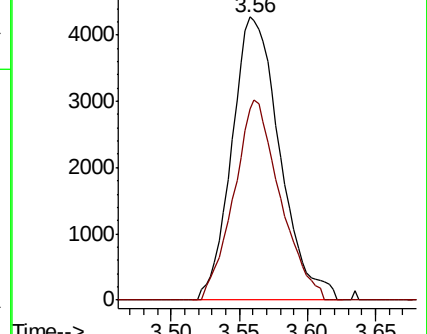
56 100

55 67.8 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.567 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

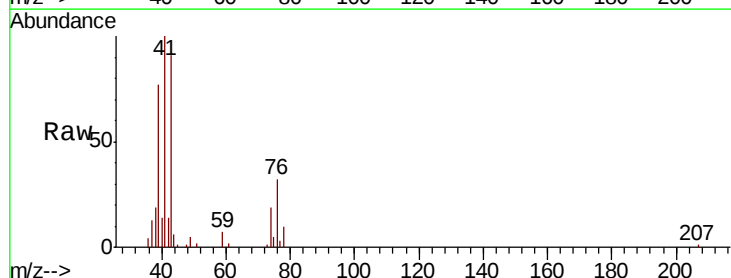
Tgt Ion: 41 Resp: 39885

Ion Ratio Lower Upper

41 100

39 73.7 57.1 85.7

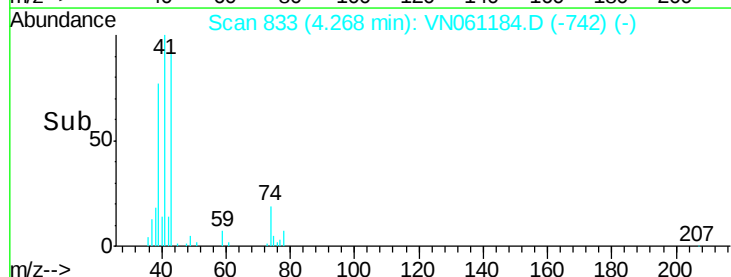
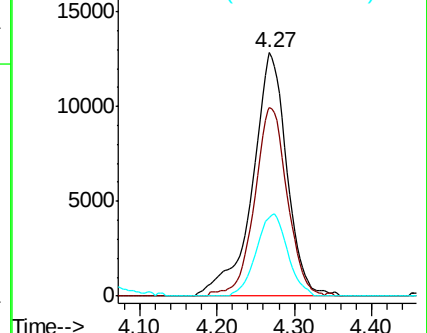
76 30.7 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 94.737 ug/l

RT: 4.92 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

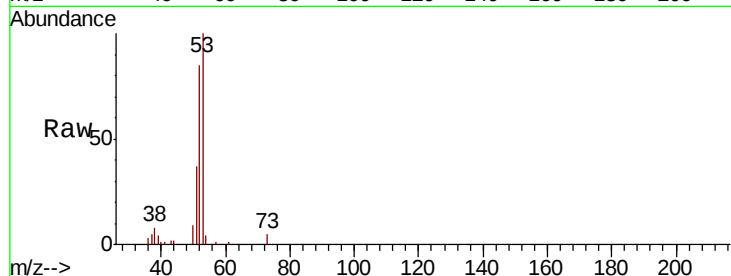
Tot Ion: 53 Resp: 61107

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.0

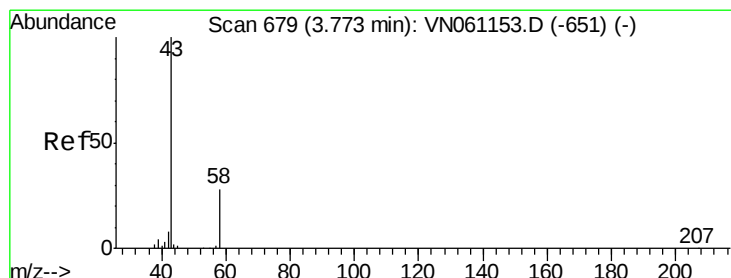
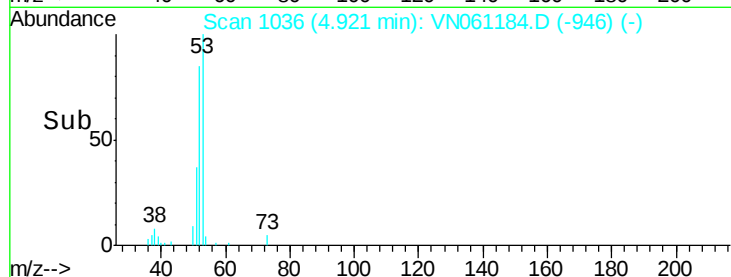
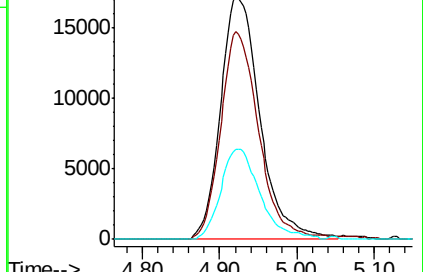
51 36.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061184.D (-946) (-)

Ion 52.00 (51.70 to 52.70): VN061184.D (-946) (-)

Ion 51.00 (50.70 to 51.70): VN061184.D (-946) (-)



#16

Acetone

Concen: 89.560 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061184.D

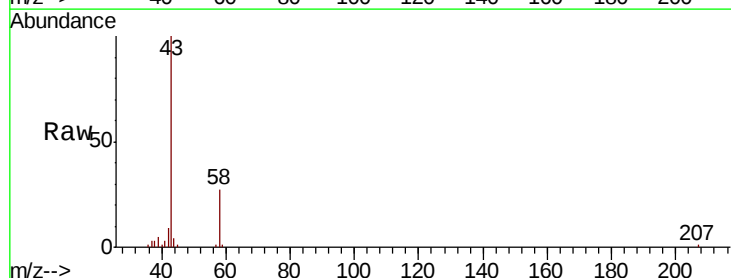
Acq: 29 Apr 2020 11:55

Tgt Ion: 43 Resp: 56481

Ion Ratio Lower Upper

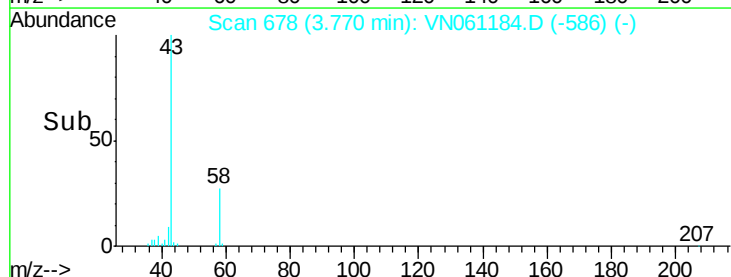
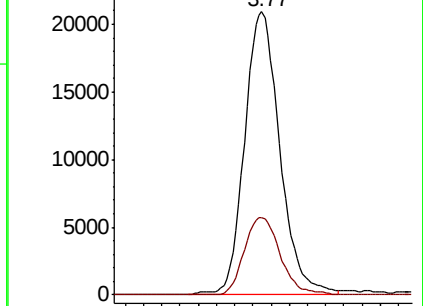
43 100

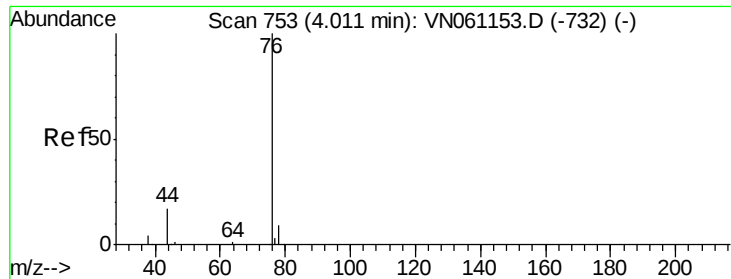
58 27.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061184.D (-586) (-)

Ion 58.00 (57.70 to 58.70): VN061184.D (-586) (-)

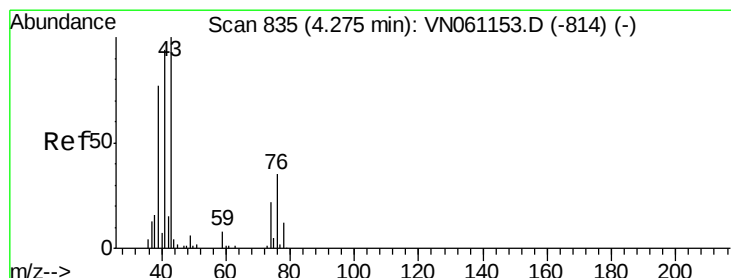
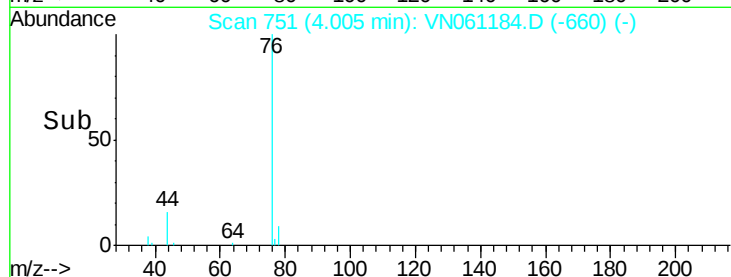
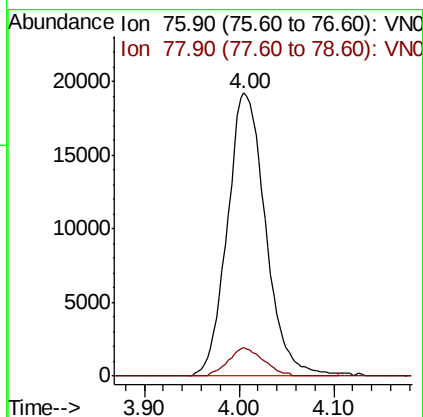
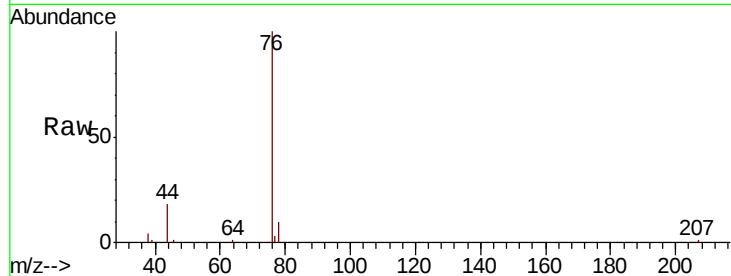




#17
Carbon Disulfide
Concen: 18.685 ug/l
RT: 4.00 min Scan# 751
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

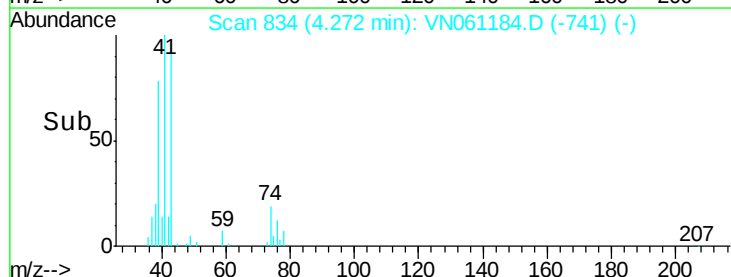
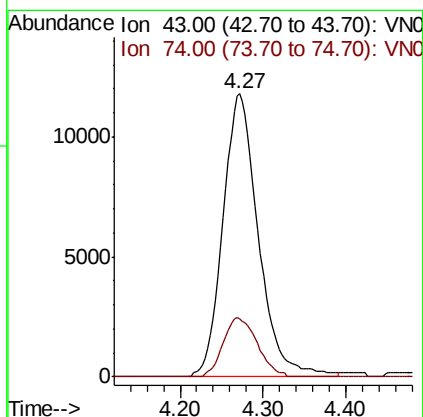
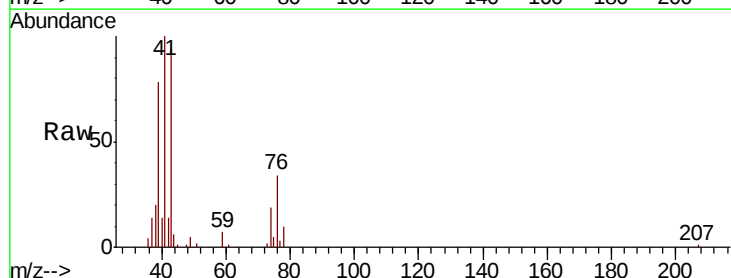
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion: 76 Resp: 53983
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 18.124 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 43 Resp: 35017
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4

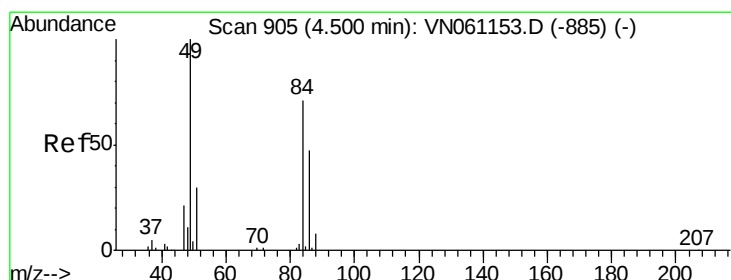
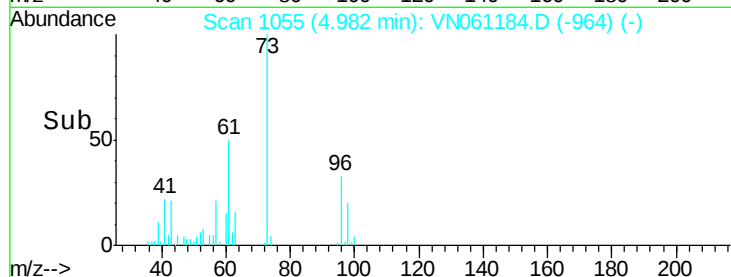
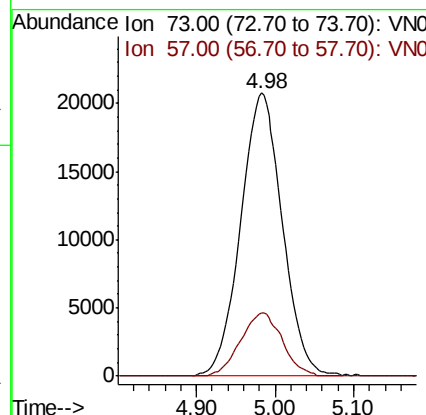
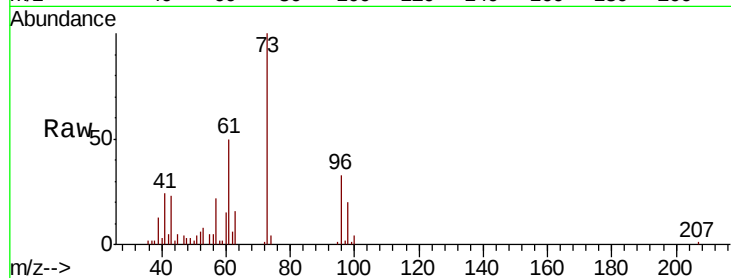




#19
Methyl tert-butyl Ether
Concen: 19.286 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

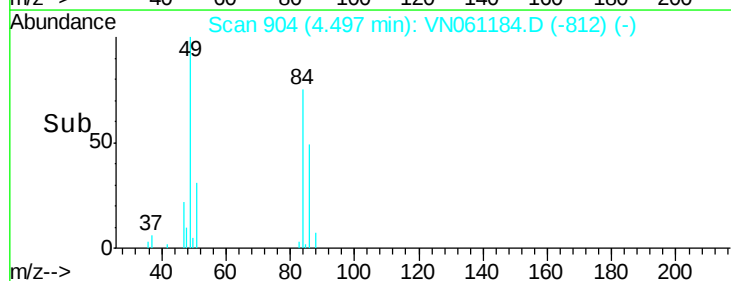
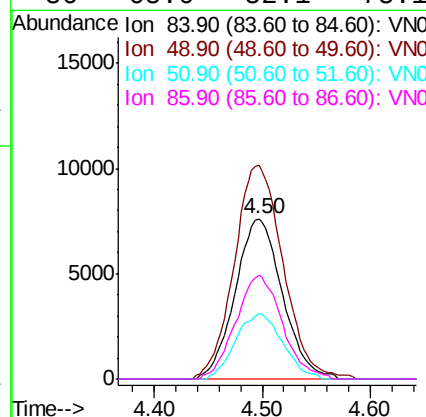
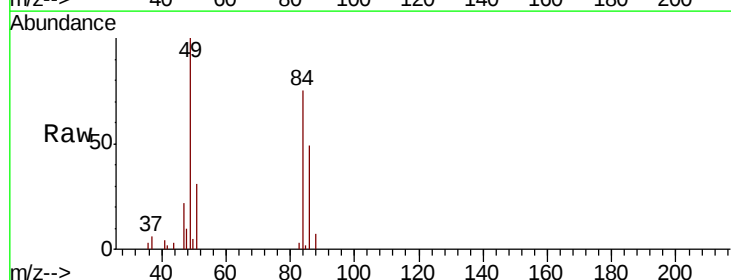
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

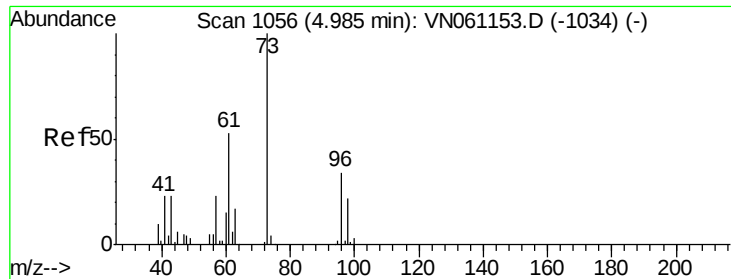
Tot Ion: 73 Resp: 77076
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 18.900 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 84 Resp: 23117
Ion Ratio Lower Upper
84 100
49 133.0 112.0 168.0
51 40.9 33.6 50.4
86 65.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.054 ug/l

RT: 4.98 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampled :

VN0429WBSD01

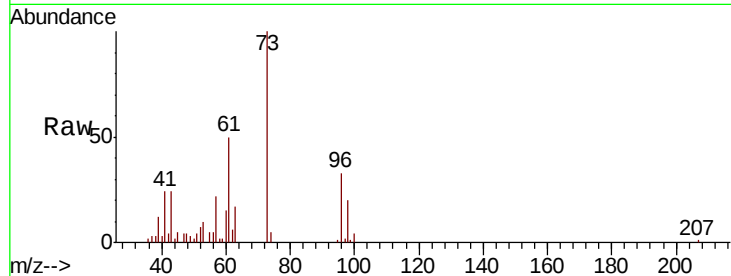
Tot Ion: 96 Resp: 21701

Ion Ratio Lower Upper

96 100

61 149.1 123.0 184.4

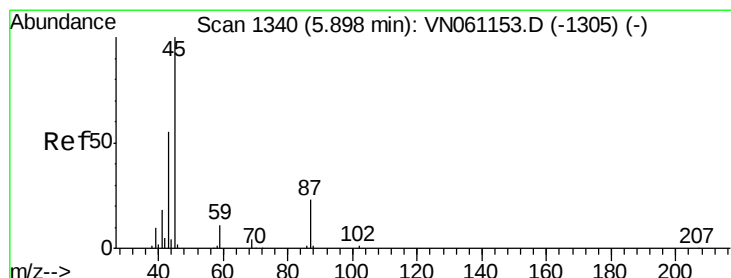
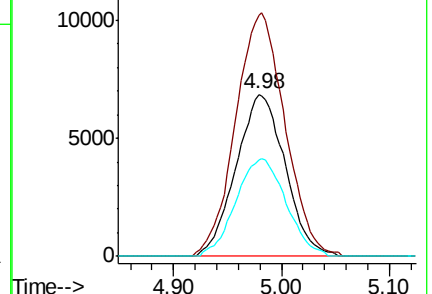
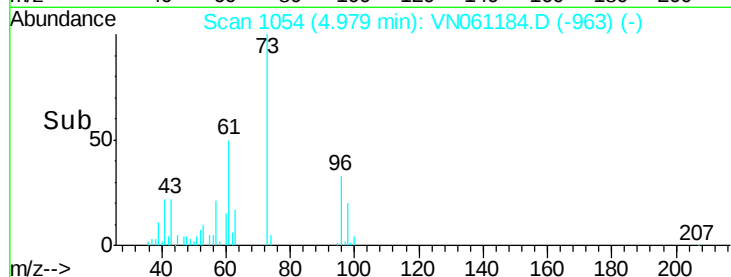
98 59.3 50.1 75.1



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: 19.085 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion: 45 Resp: 85828

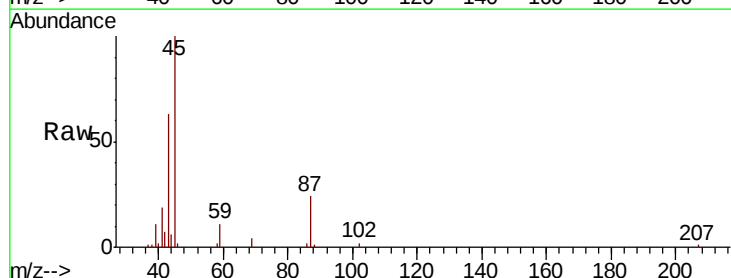
Ion Ratio Lower Upper

45 100

43 59.9 47.9 71.9

87 24.0 19.2 28.8

59 11.5 9.0 13.4

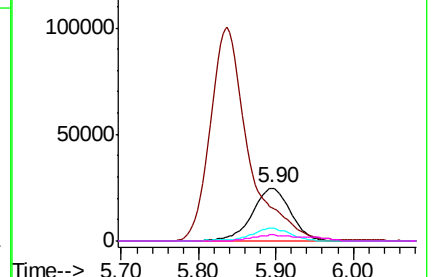
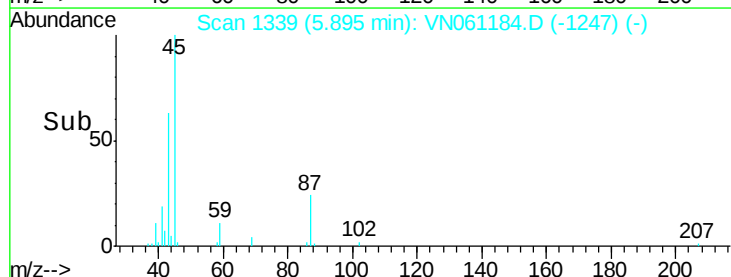


Abundance Ion 45.00 (44.70 to 45.70): VN0

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

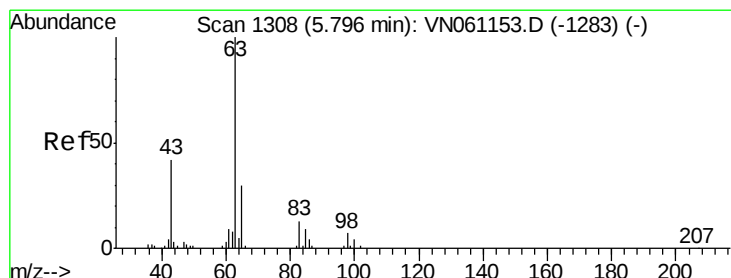
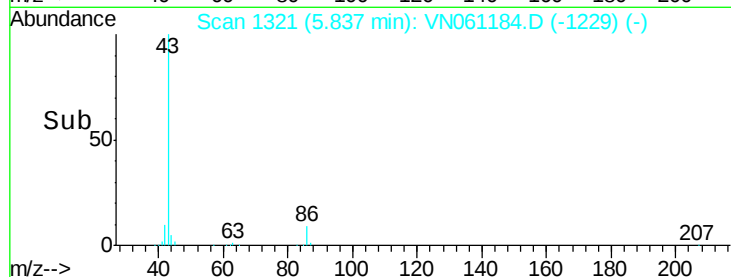
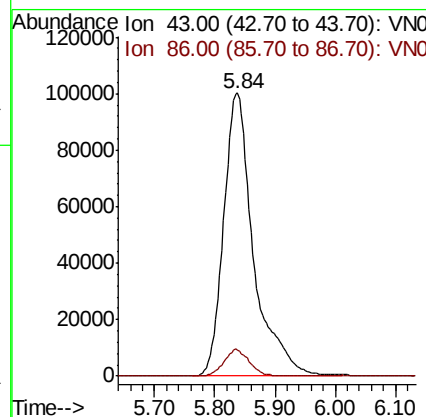
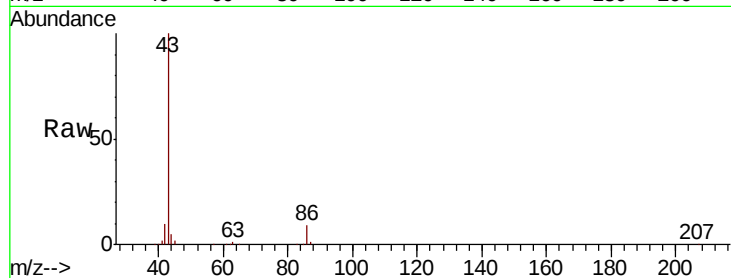




#23
 Vinyl Acetate
 Concen: 95.228 ug/l
 RT: 5.84 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

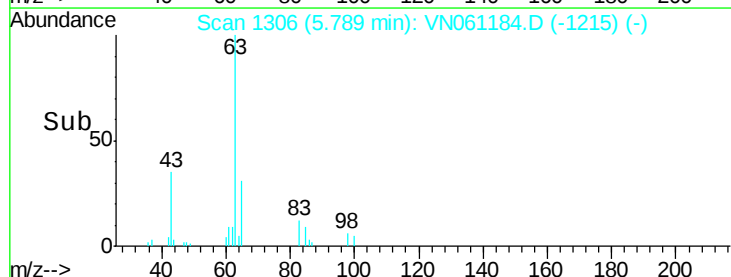
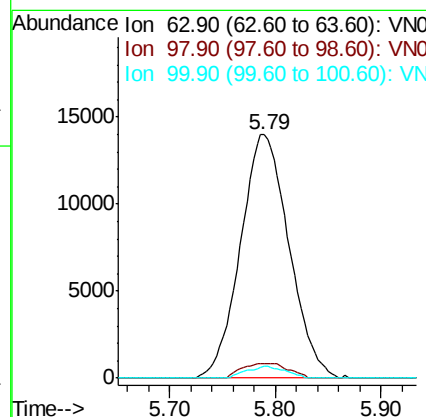
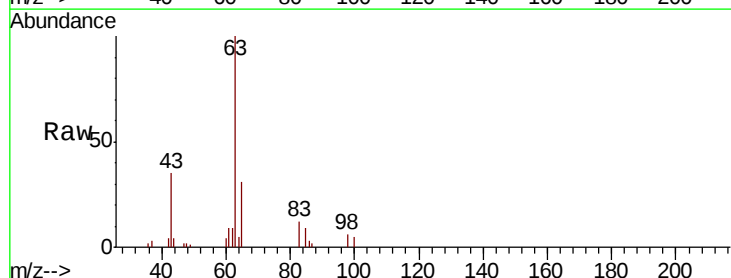
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0429WBSD01

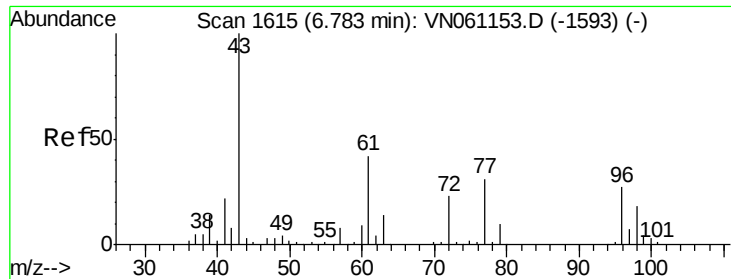
Tot Ion: 43 Resp: 344817
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 19.028 ug/l
 RT: 5.79 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 63 Resp: 44709
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.8 1.9 5.7





#25

2-Butanone

Concen: 92.316 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

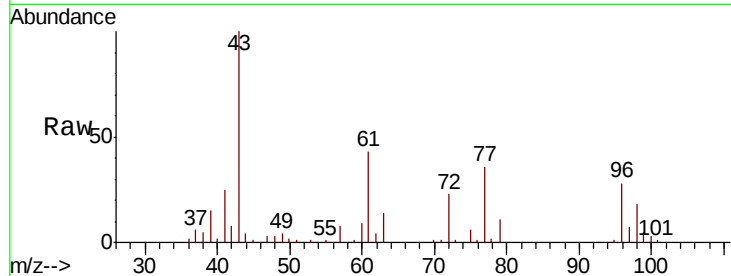
VN0429WBSD01

Tot Ion: 43 Resp: 85685

Ion Ratio Lower Upper

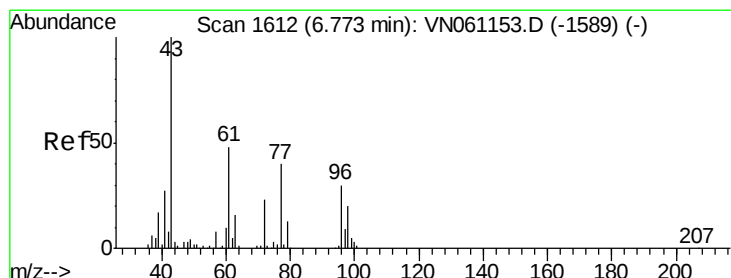
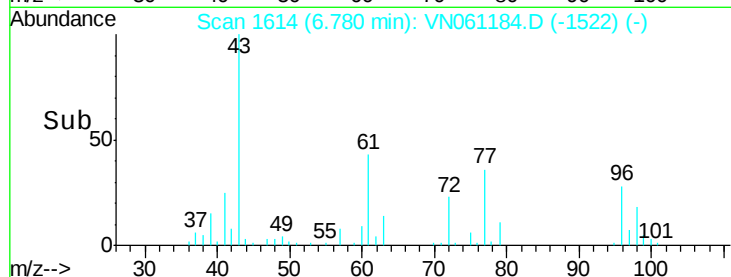
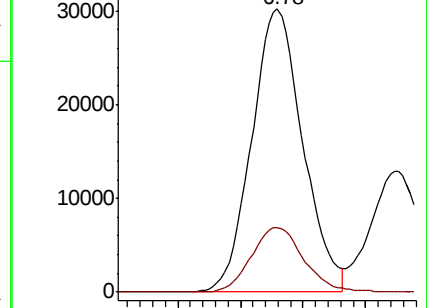
43 100

72 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.813 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061184.D

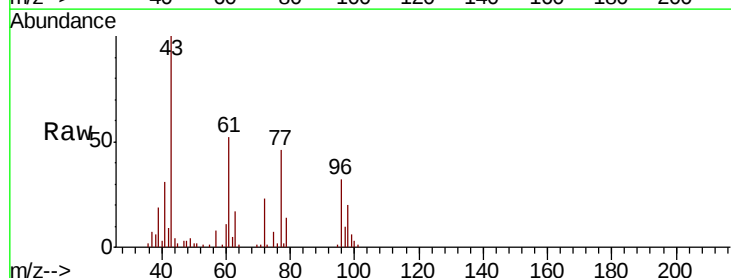
Acq: 29 Apr 2020 11:55

Tgt Ion: 77 Resp: 39211

Ion Ratio Lower Upper

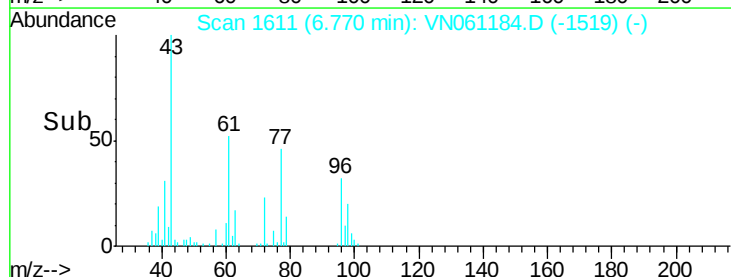
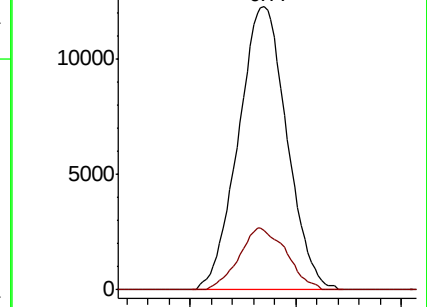
77 100

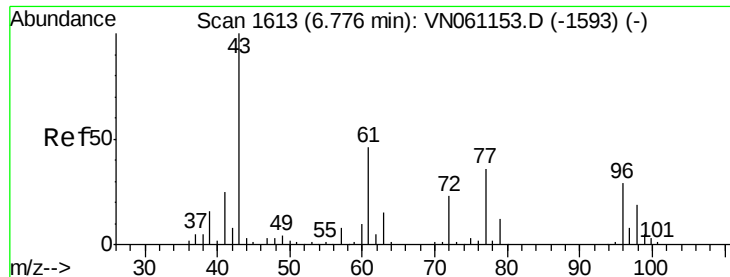
97 21.4 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.493 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

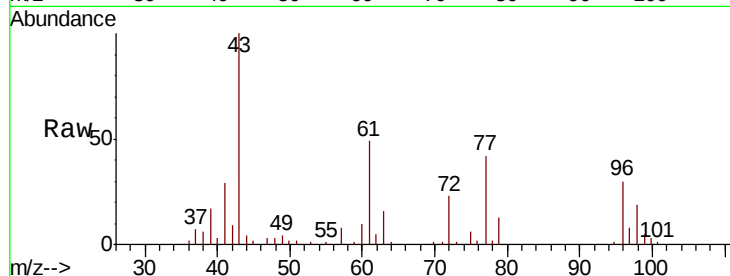
Tot Ion: 96 Resp: 26053

Ion Ratio Lower Upper

96 100

61 160.2 0.0 322.0

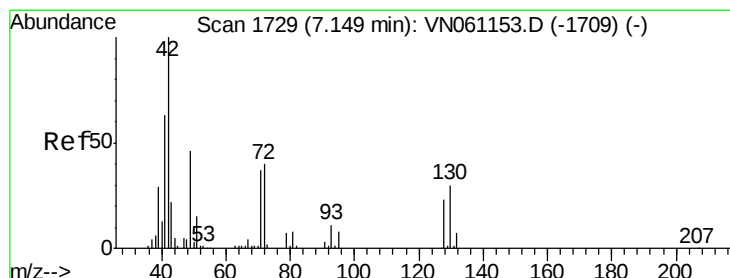
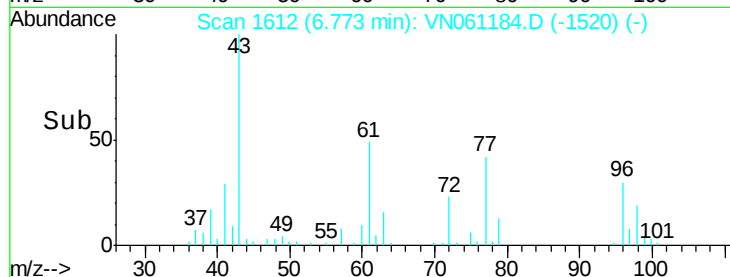
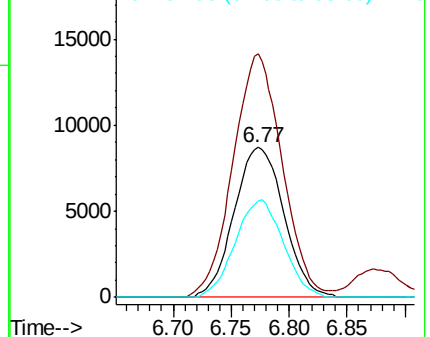
98 62.7 0.0 129.6



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



#28

Bromochloromethane

Concen: 19.336 ug/l

RT: 7.14 min Scan# 1727

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

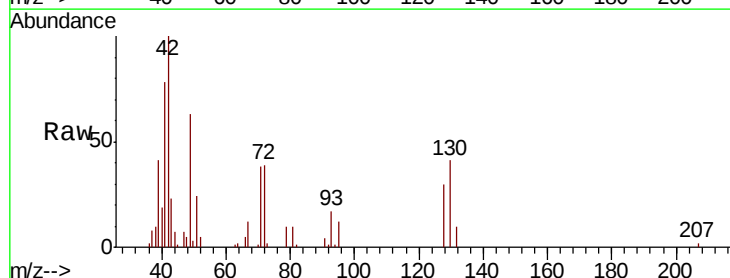
Tgt Ion: 49 Resp: 21534

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.0

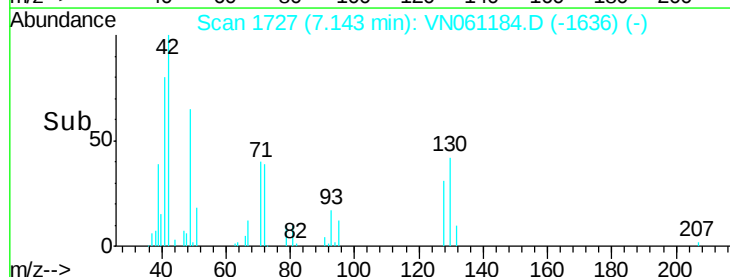
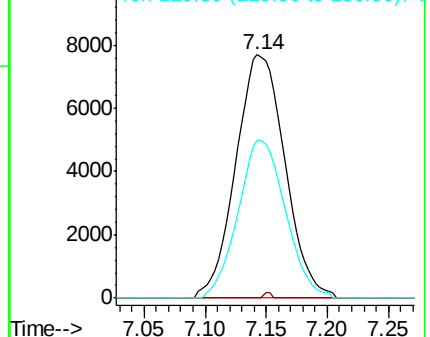
130 62.4 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

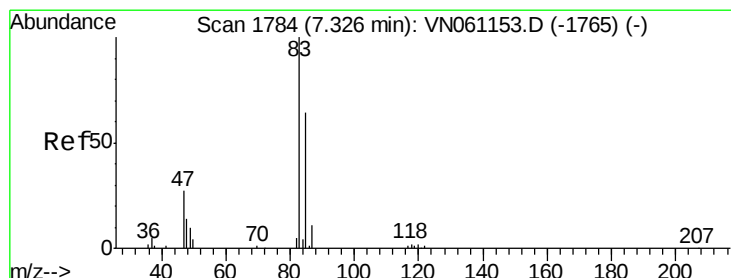
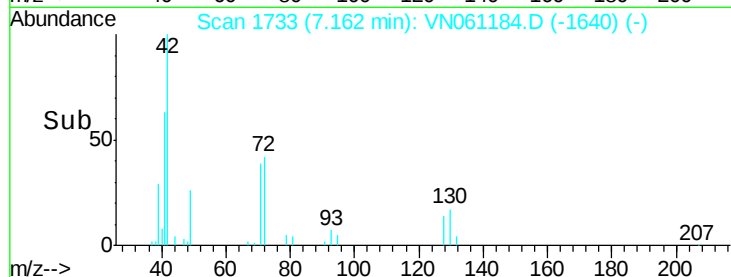
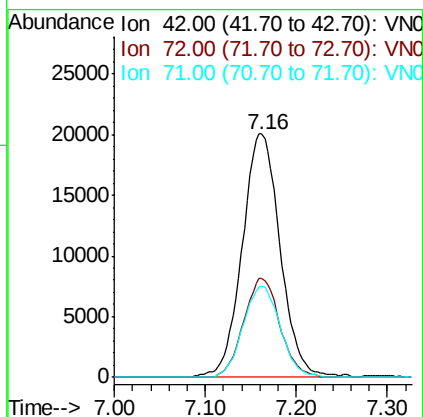
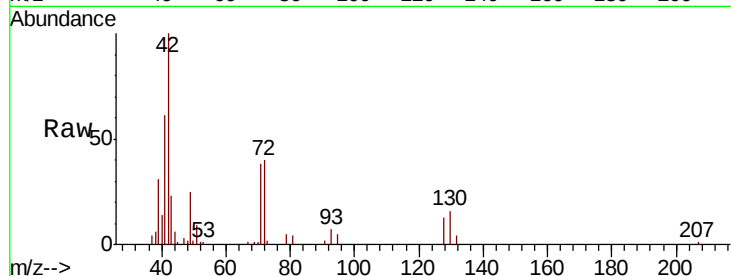




#29
Tetrahydrofuran
Concen: 93.029 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

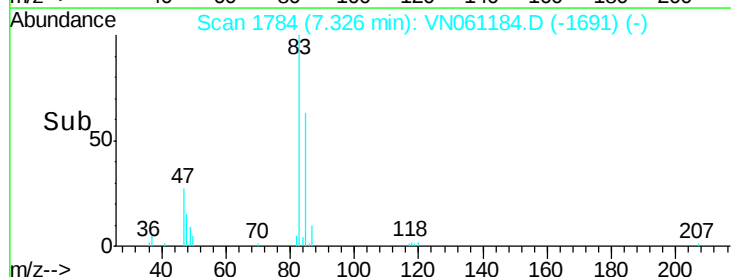
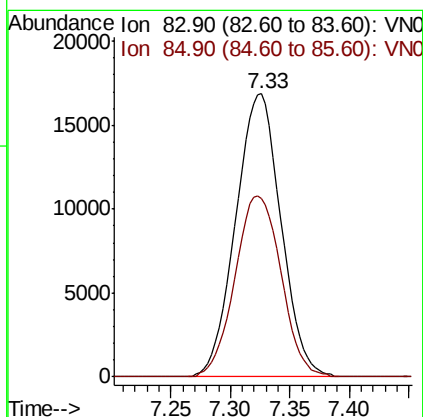
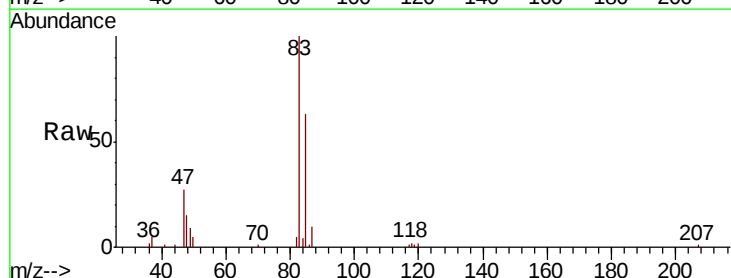
Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

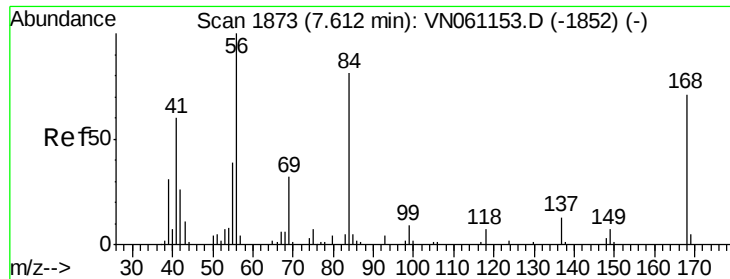
Tot Ion: 42 Resp: 58165
Ion Ratio Lower Upper
42 100
72 38.6 31.4 47.0
71 36.7 29.5 44.3



#30
Chloroform
Concen: 18.707 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 83 Resp: 44543
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7

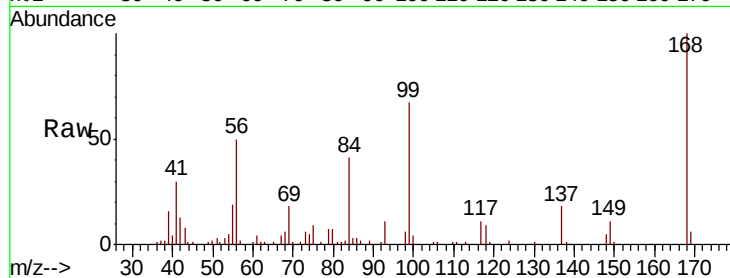




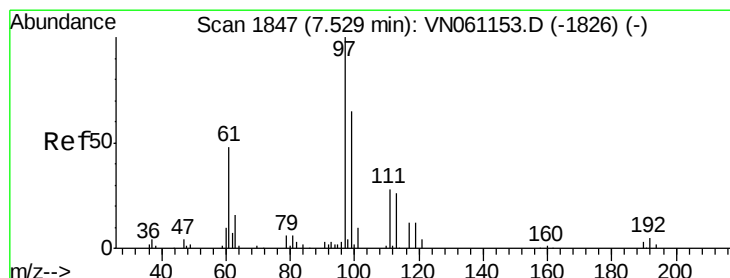
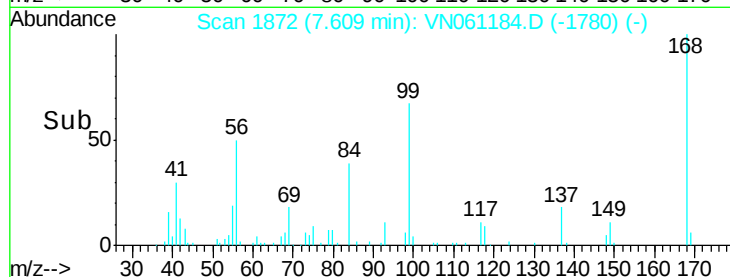
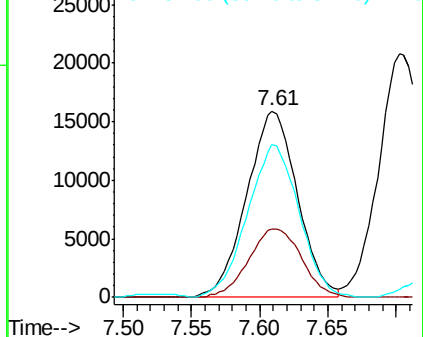
#31
Cyclohexane
Concen: 18.019 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion: 56 Resp: 41116
Ion Ratio Lower Upper
56 100
69 36.9 25.7 38.5
84 81.9 64.6 97.0

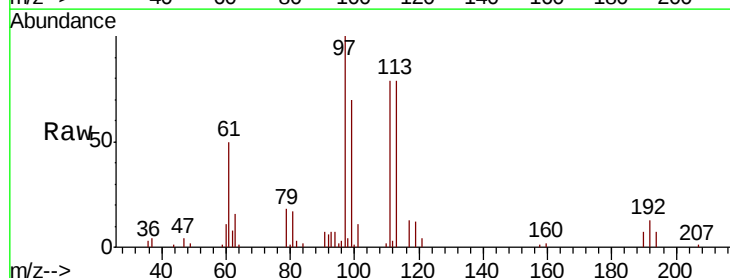


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

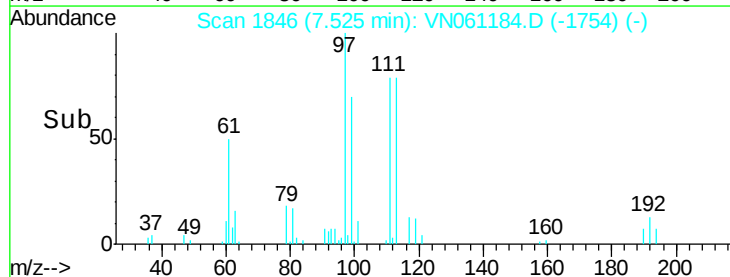
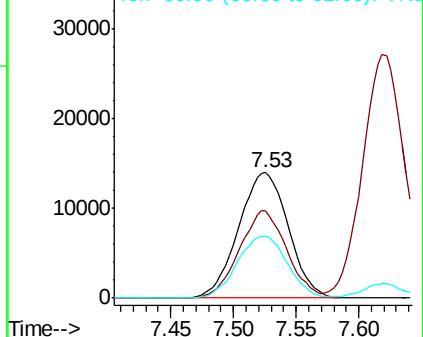


#32
1,1,1-Trichloroethane
Concen: 18.590 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 97 Resp: 38546
Ion Ratio Lower Upper
97 100
99 66.2 51.3 76.9
61 49.9 38.6 57.8



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

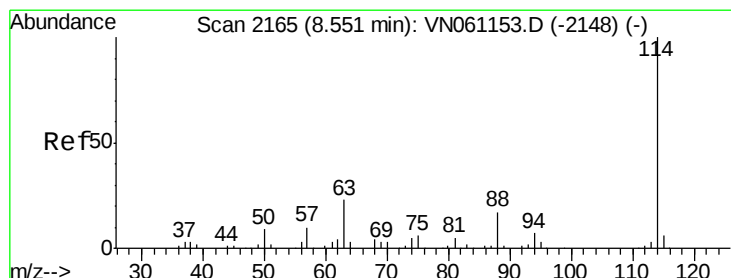
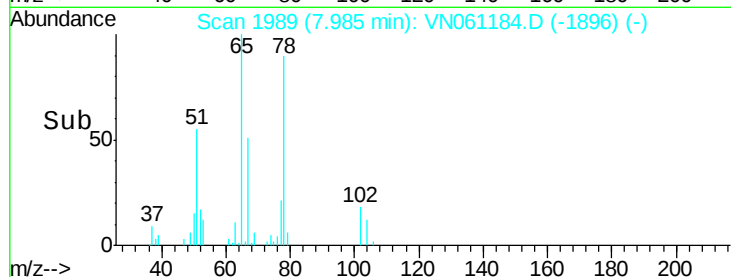
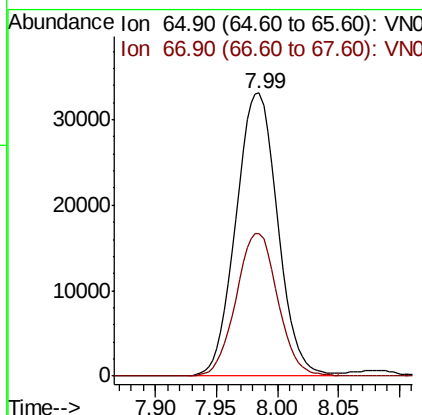
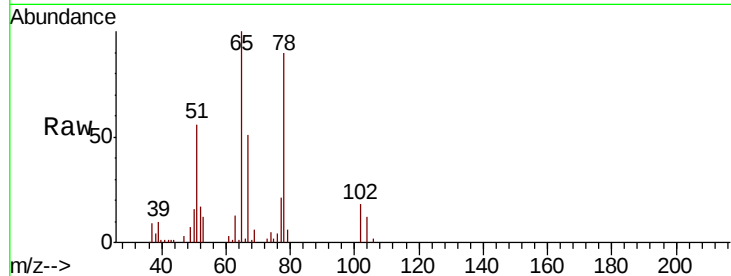




#33
 1,2-Dichloroethane-d4
 Concen: 50.105 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

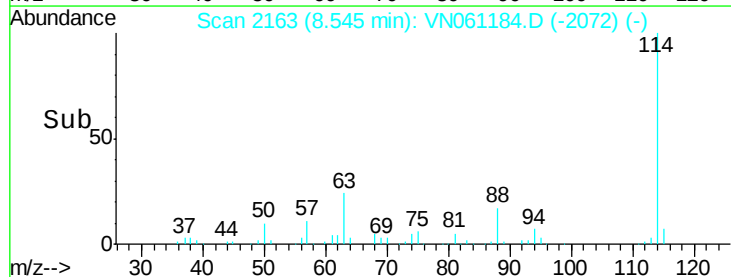
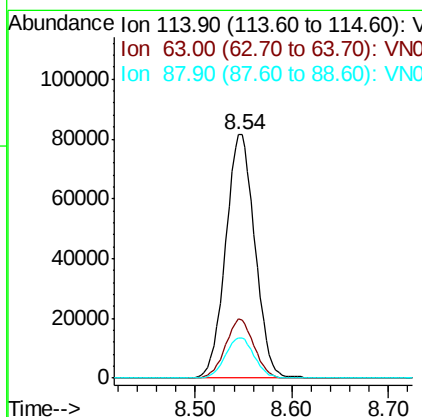
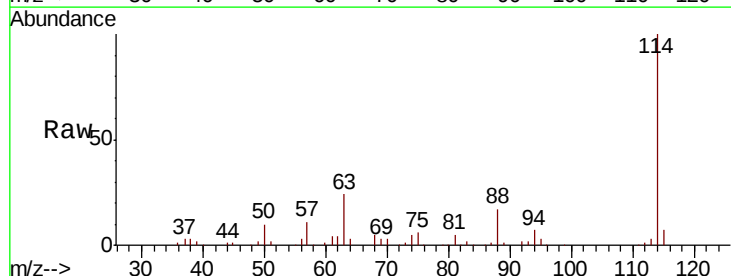
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion: 65 Resp: 78592
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 114 Resp: 170900
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.6
 88 16.6 0.0 33.4

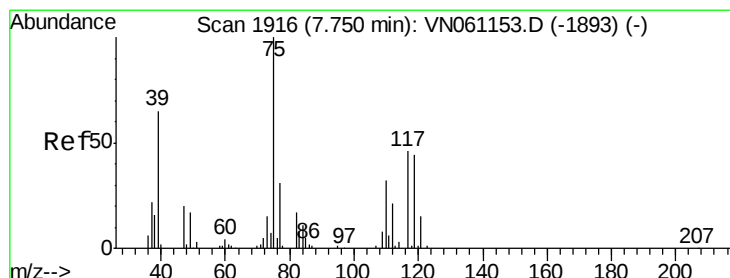
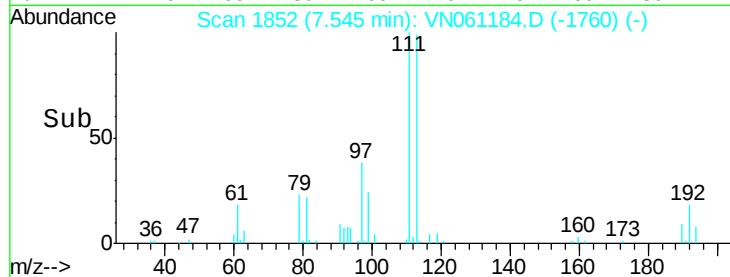
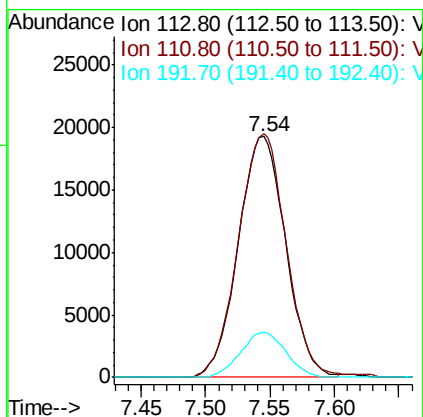
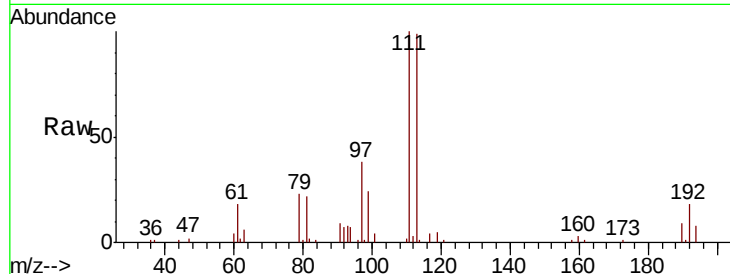




#35
 Dibromofluoromethane
 Concen: 48.842 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

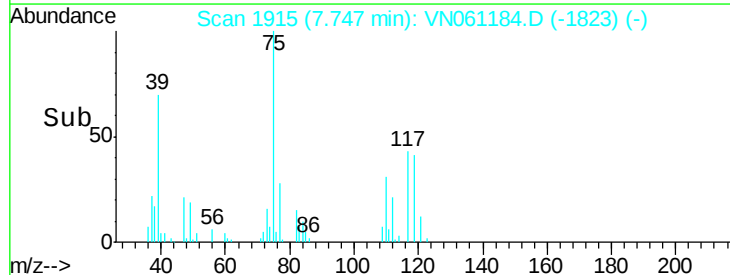
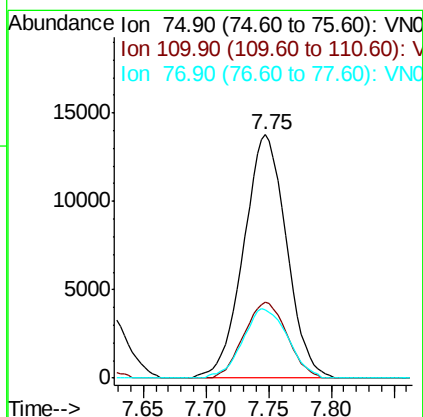
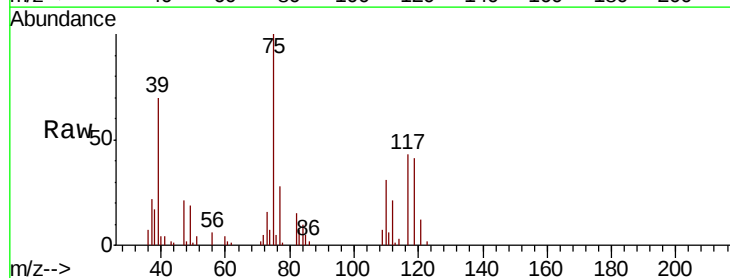
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

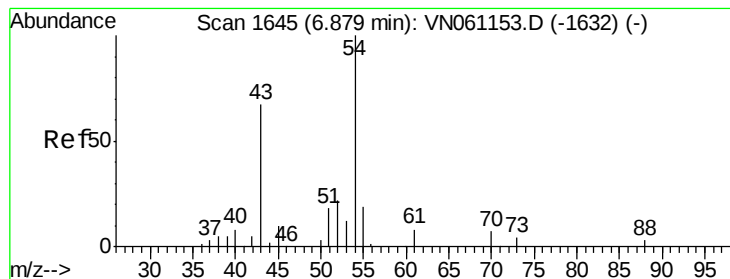
Tot Ion:113 Resp: 49358
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 17.9 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 19.179 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 75 Resp: 32811
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 29.9 24.6 37.0

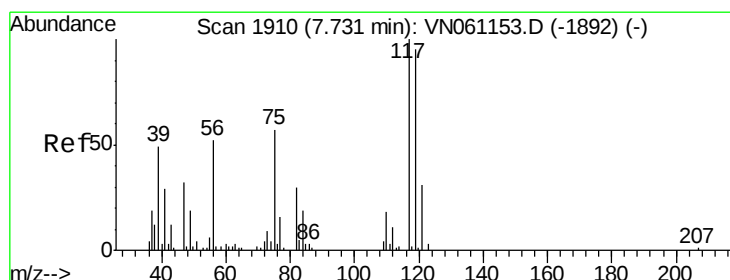
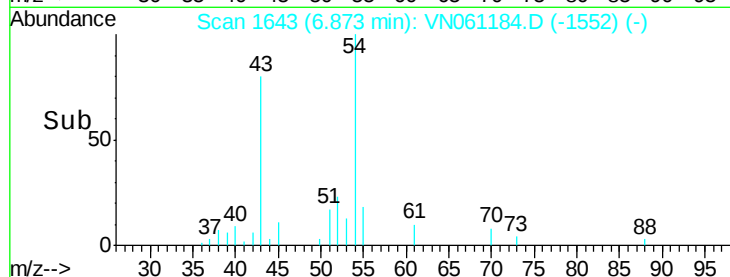
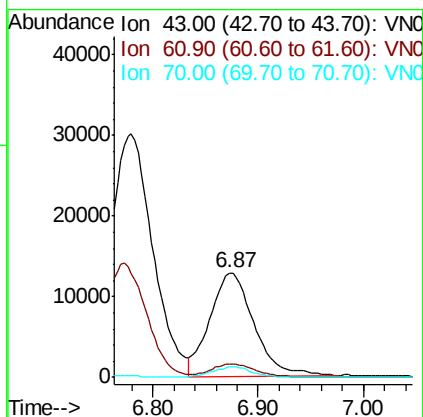
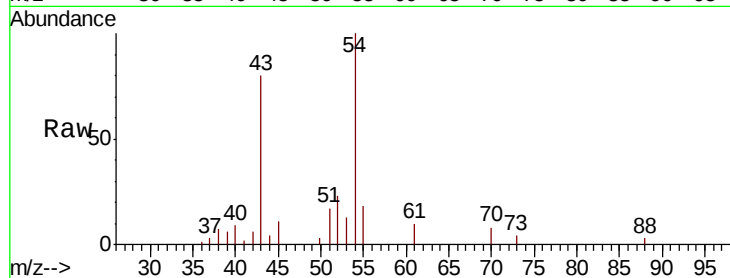




#37
Ethyl Acetate
Concen: 18.455 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

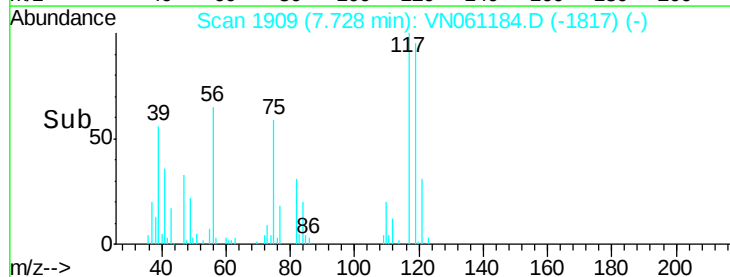
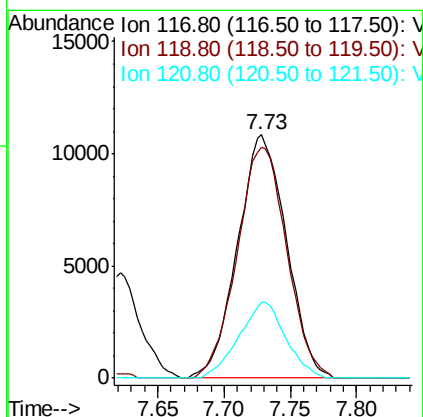
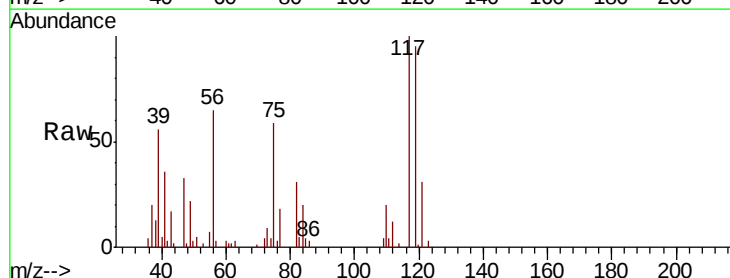
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

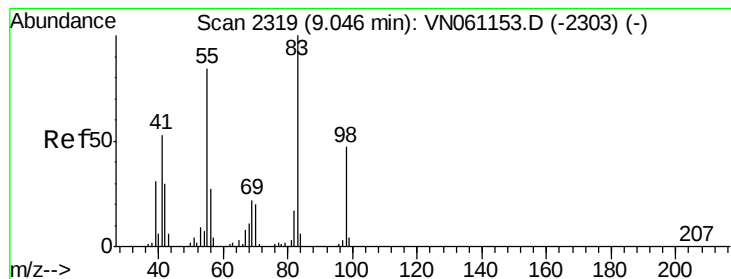
Tot Ion: 43 Resp: 37013
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.215 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 117 Resp: 27689
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
121 31.3 24.7 37.1

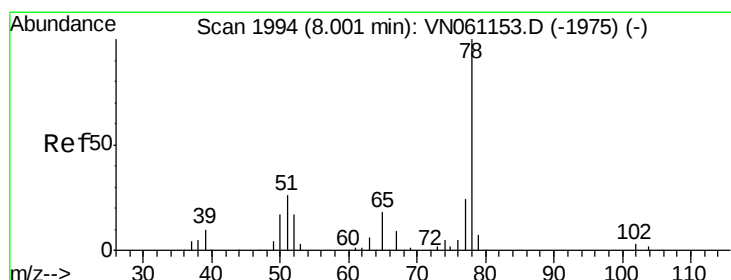
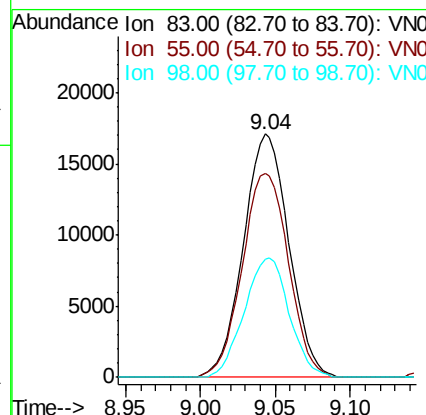
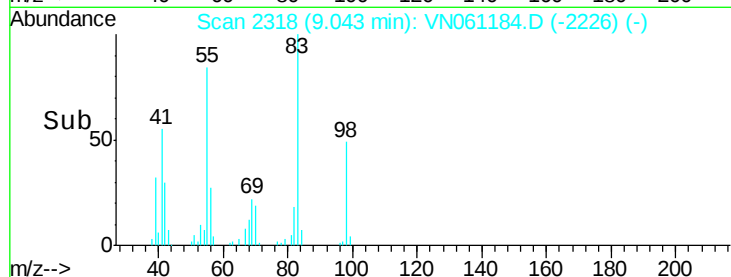
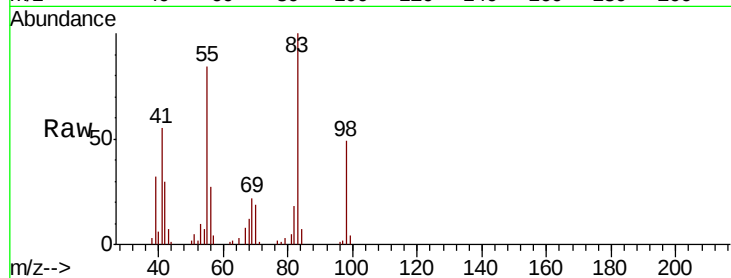




#39
Methvlcvclohexane
Concen: 18.878 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

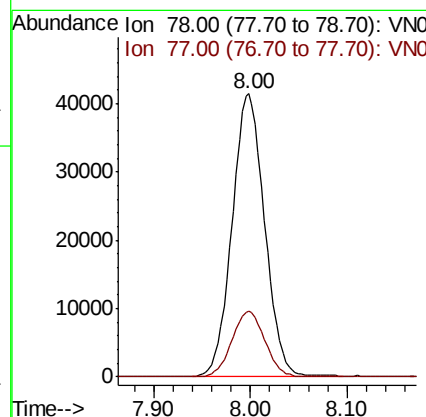
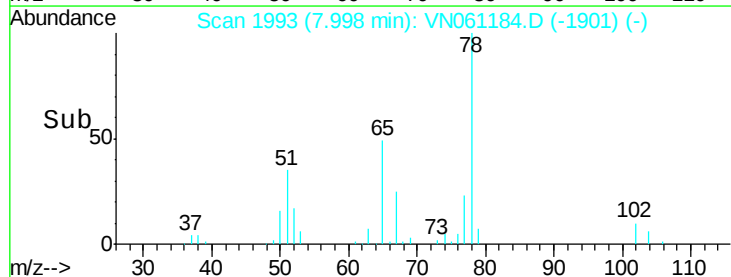
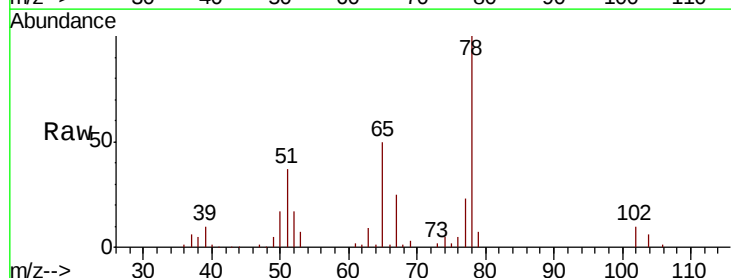
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion: 83 Resp: 36220
Ion Ratio Lower Upper
83 100
55 84.0 67.3 100.9
98 48.5 37.7 56.5



#40
Benzene
Concen: 18.991 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 78 Resp: 96797
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

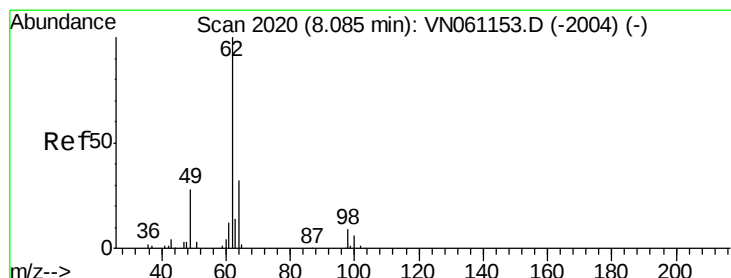
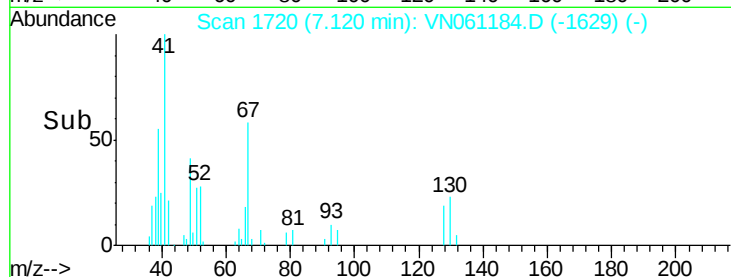
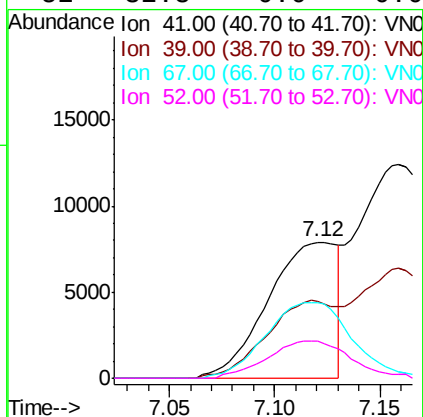
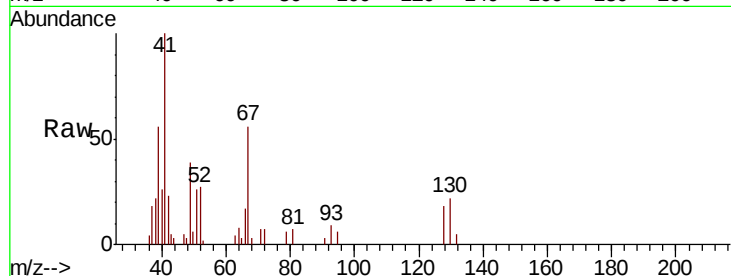




#41
Methacrylonitrile
Concen: 21.619 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

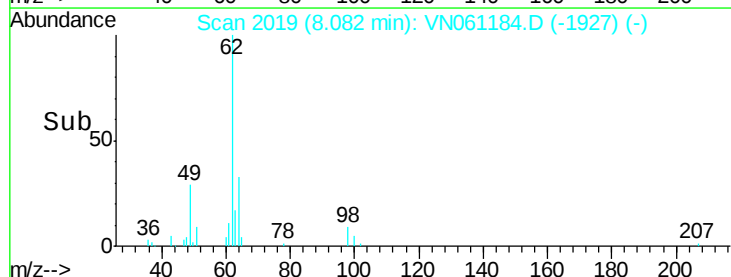
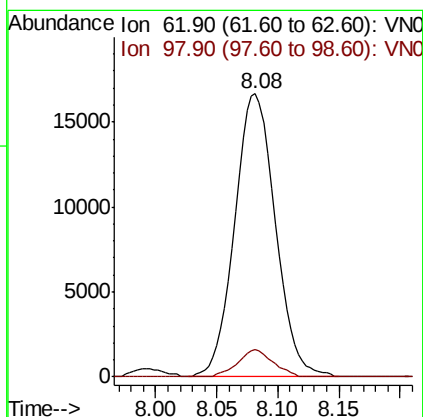
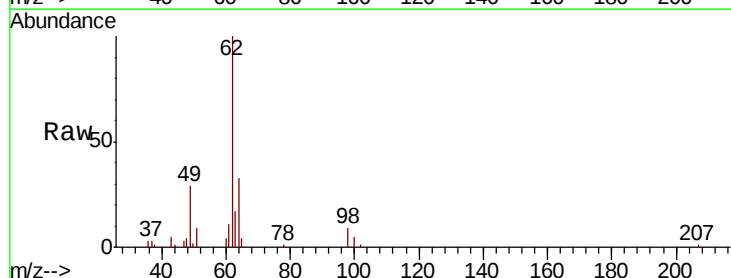
Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

Tot Ion:	41	Resp:	18003
Ion	Ratio	Lower	Upper
41	100		
39	56.6	0.0	0.0#
67	70.2	0.0	0.0#
52	32.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.949 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion:	62	Resp:	38519
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 18.958 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

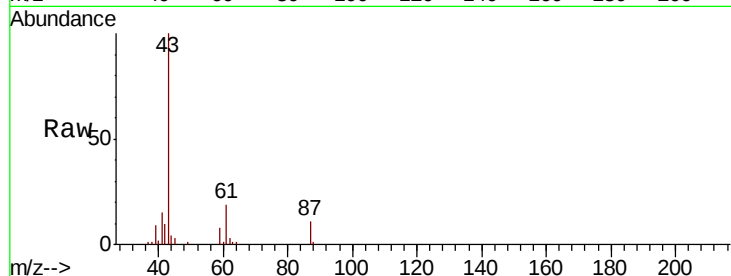
Tot Ion: 43 Resp: 63101

Ion Ratio Lower Upper

43 100

61 24.7 19.5 29.3

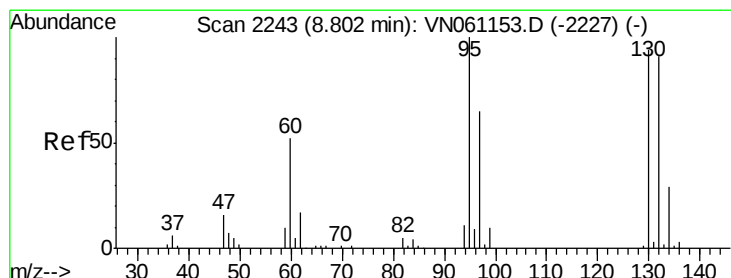
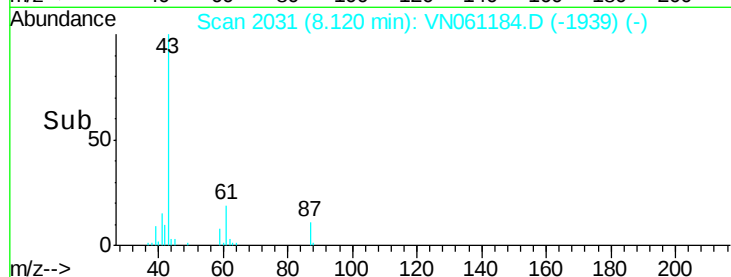
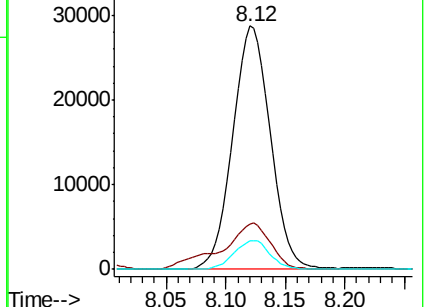
87 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 18.409 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061184.D

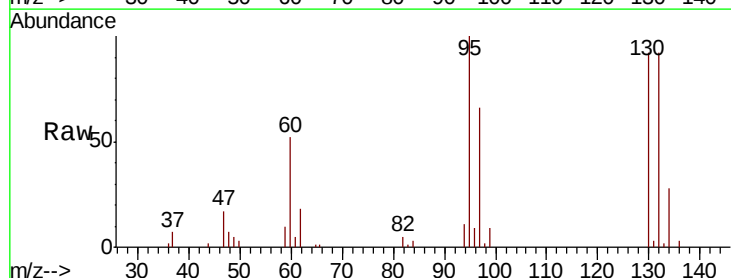
Acq: 29 Apr 2020 11:55

Tgt Ion: 130 Resp: 25364

Ion Ratio Lower Upper

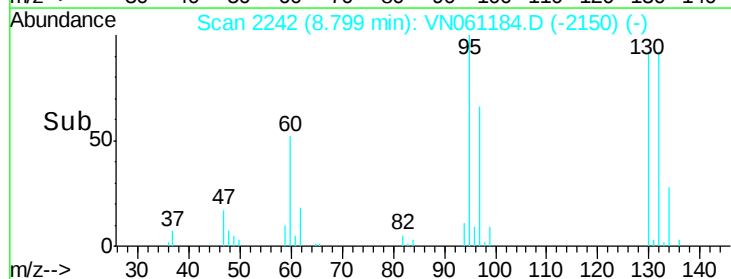
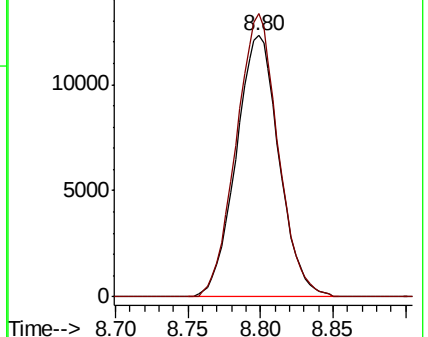
130 100

95 108.3 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 19.078 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampled :

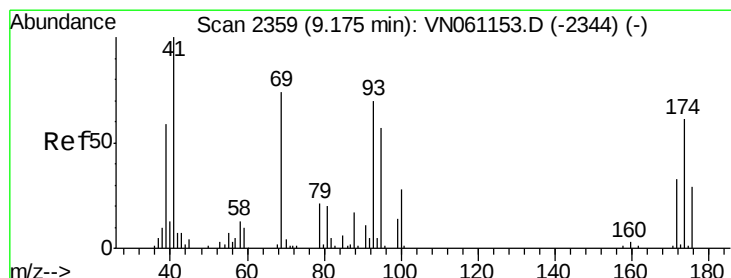
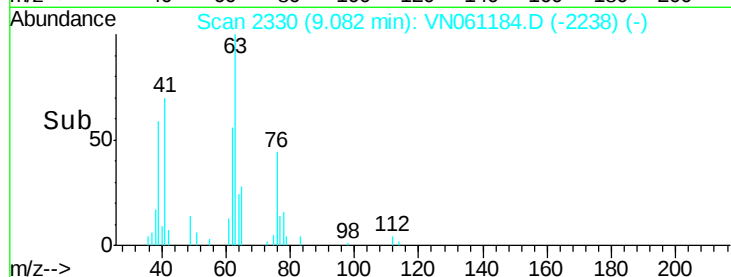
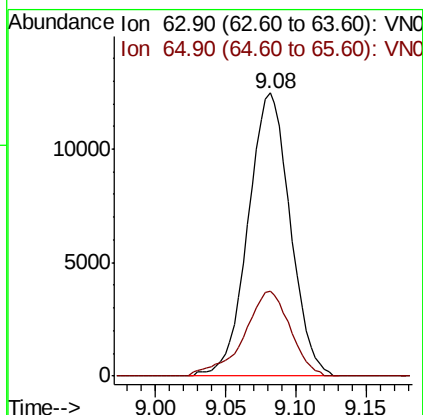
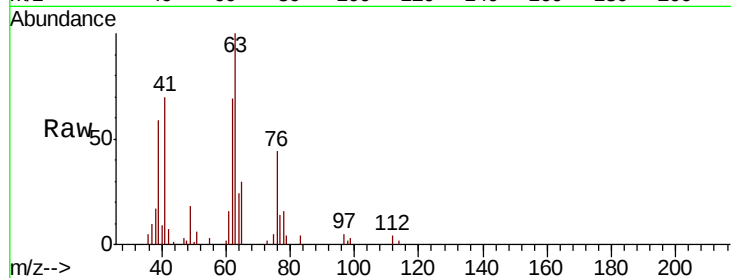
VN0429WBSD01

Tot Ion: 63 Resp: 25978

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



#46

Dibromomethane

Concen: 20.050 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

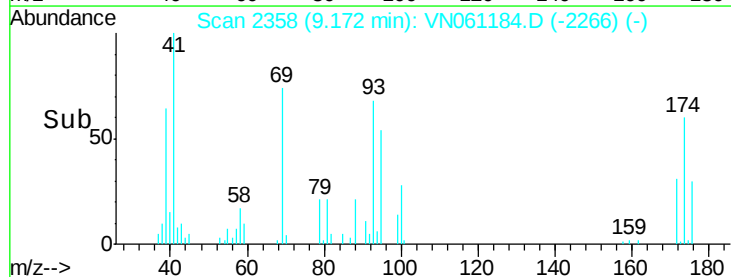
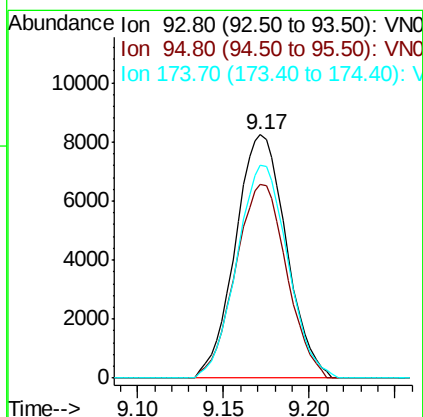
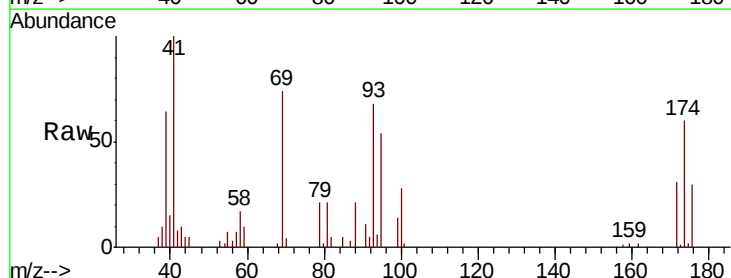
Tgt Ion: 93 Resp: 16904

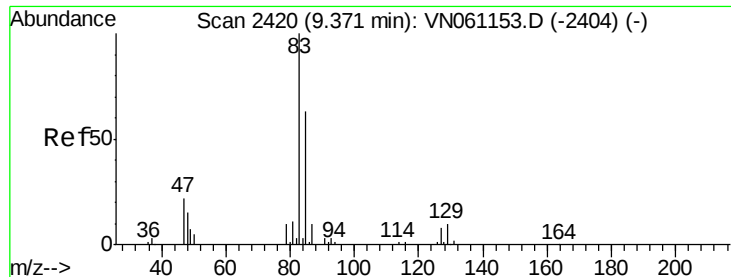
Ion Ratio Lower Upper

93 100

95 80.1 66.6 99.8

174 87.4 70.2 105.2





#47

Bromodichloromethane

Concen: 19.535 ug/l

RT: 9.36 min Scan# 2418

Delta R.T. -0.01 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

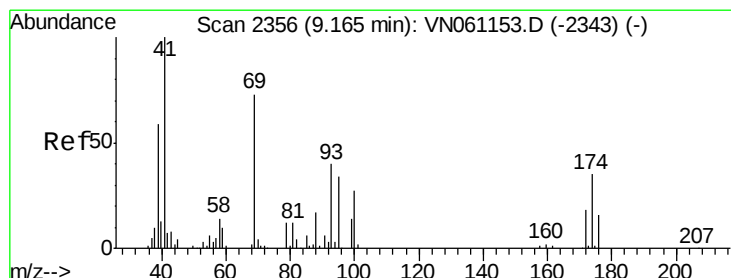
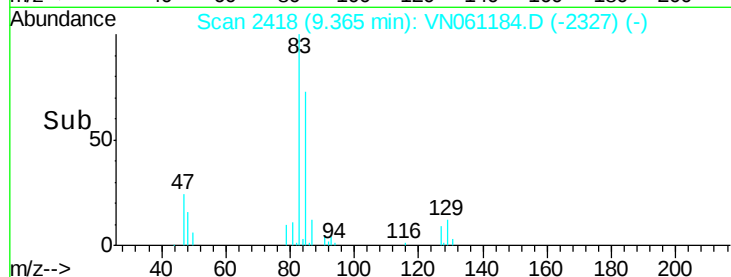
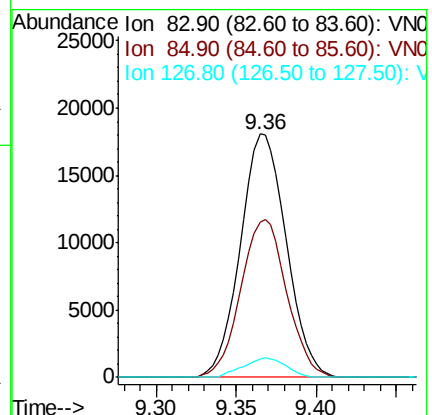
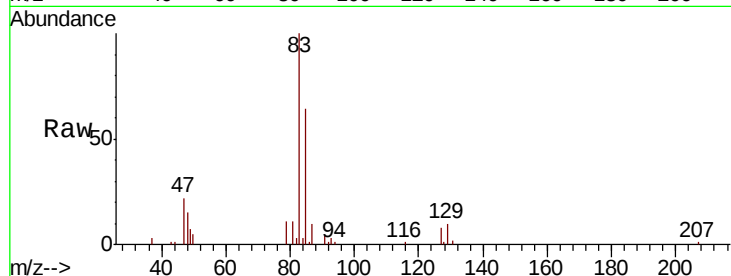
Tot Ion: 83 Resp: 35352

Ion Ratio Lower Upper

83 100

85 63.5 50.4 75.6

127 7.6 6.2 9.2



#48

Methyl methacrylate

Concen: 18.727 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

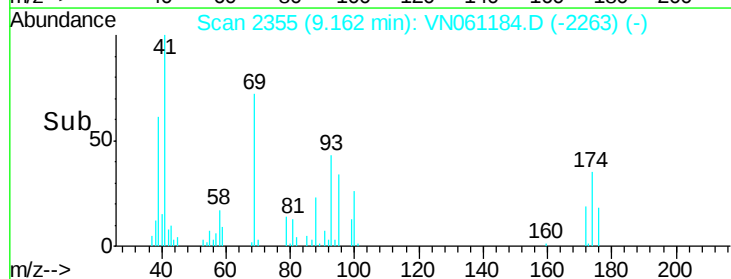
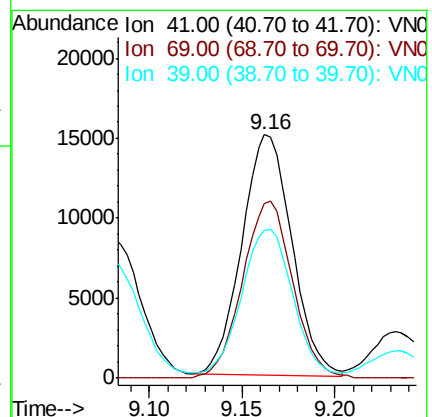
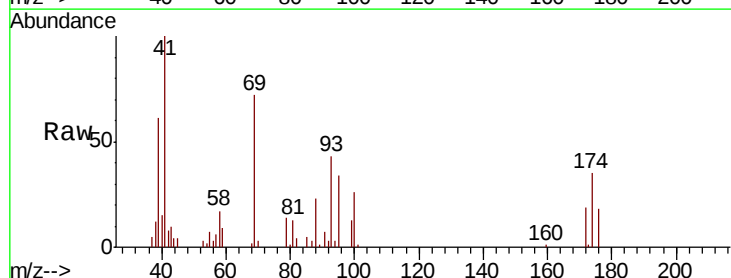
Tgt Ion: 41 Resp: 28128

Ion Ratio Lower Upper

41 100

69 73.9 60.3 90.5

39 64.9 47.4 71.0





#49

1,4-Dioxane

Concen: 418.131 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

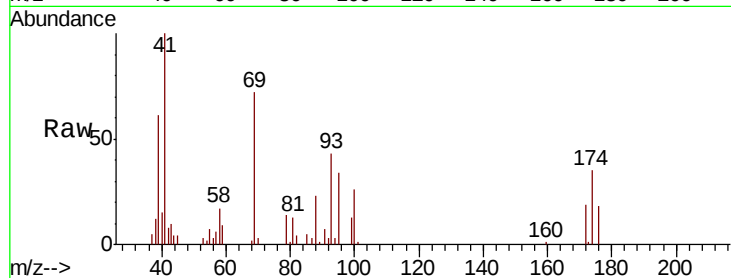
Tot Ion: 88 Resp: 7129

Ion Ratio Lower Upper

88 100

43 43.8 35.3 52.9

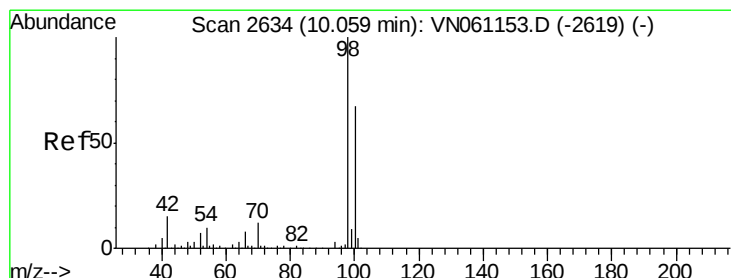
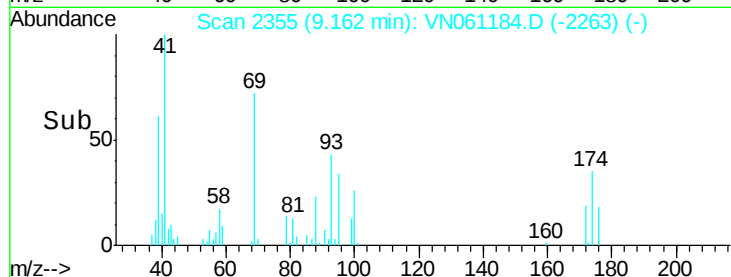
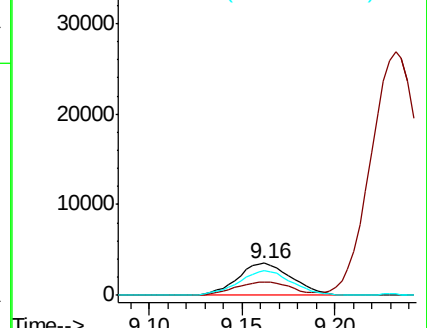
58 75.1 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VN061153.D (-2342) (-)

Ion 43.00 (42.70 to 43.70): VN061153.D (-2342) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2342) (-)



#50

Toluene-d8

Concen: 48.870 ug/l

RT: 10.06 min Scan# 2633

Delta R.T. -0.00 min

Lab File: VN061184.D

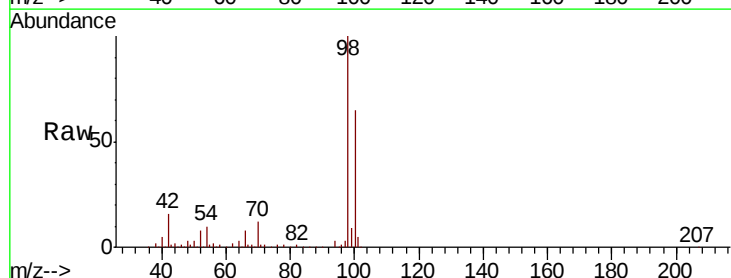
Acq: 29 Apr 2020 11:55

Tgt Ion: 98 Resp: 201327

Ion Ratio Lower Upper

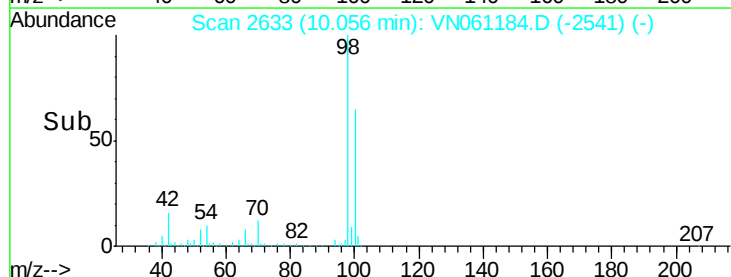
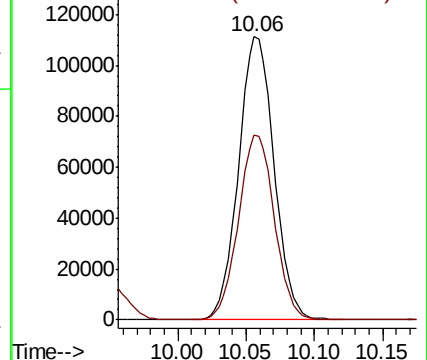
98 100

100 66.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

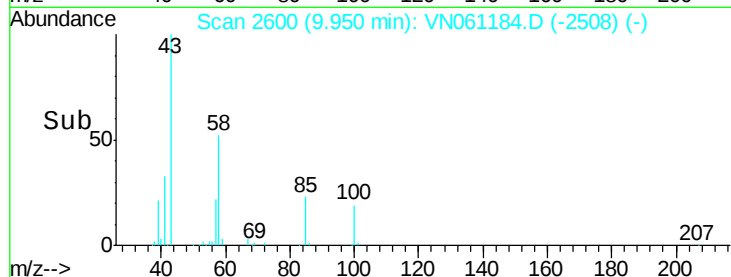
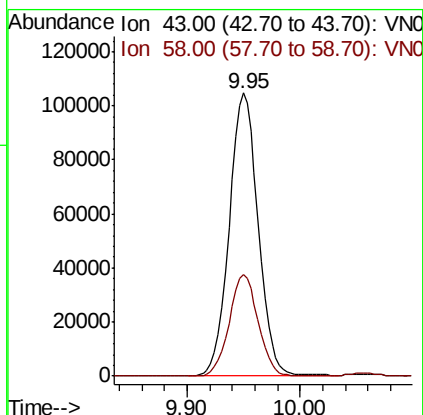
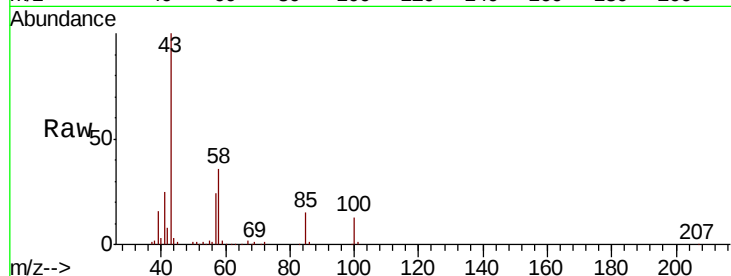




#51
4-Methyl-2-Pentanone
Concen: 95.110 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

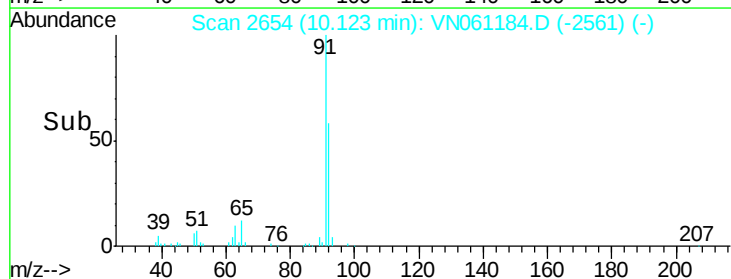
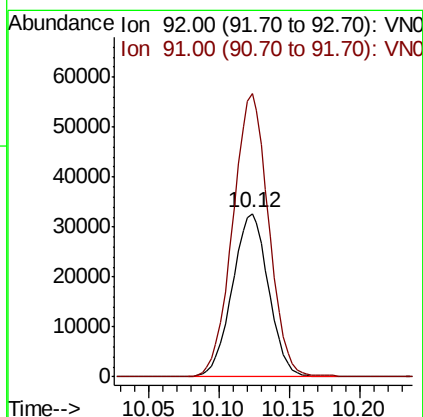
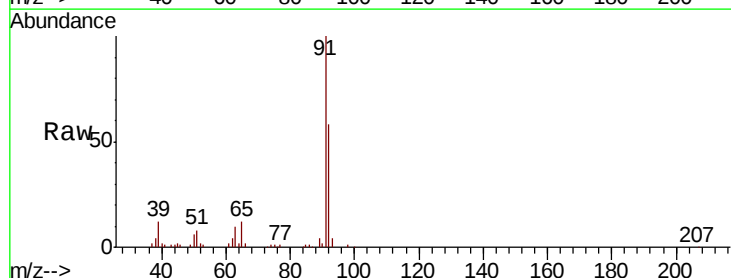
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

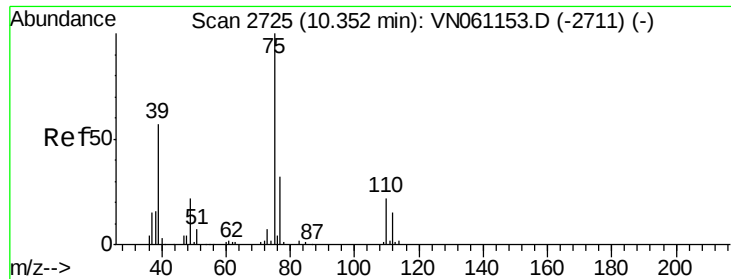
Tot Ion: 43 Resp: 186342
Ion Ratio Lower Upper
43 100
58 35.8 29.1 43.7



#52
Toluene
Concen: 19.131 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 92 Resp: 58733
Ion Ratio Lower Upper
92 100
91 172.3 136.2 204.2

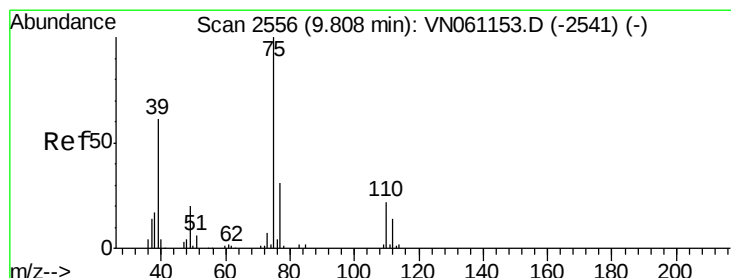
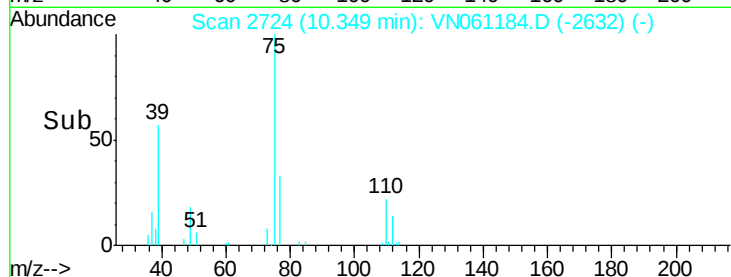
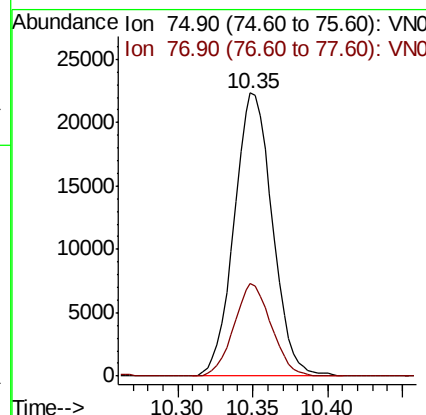
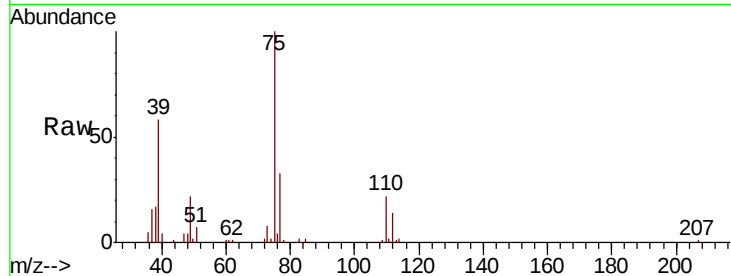




#53
t-1,3-Dichloropropene
Concen: 19.521 ug/l
RT: 10.35 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

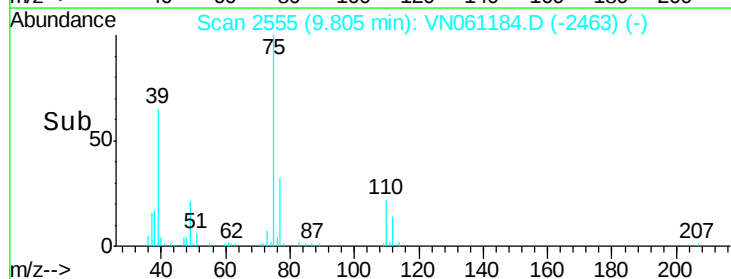
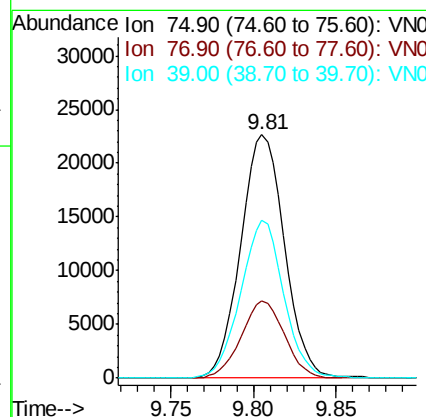
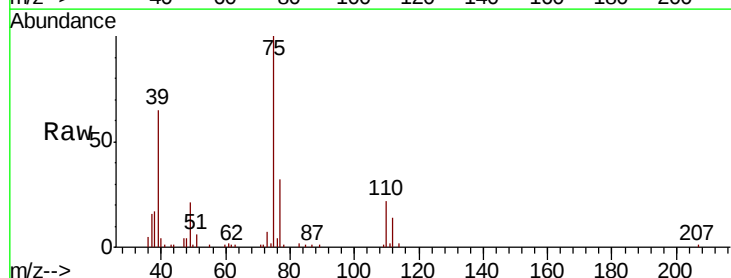
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion: 75 Resp: 39805
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.367 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 75 Resp: 41750
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 64.6 48.7 73.1

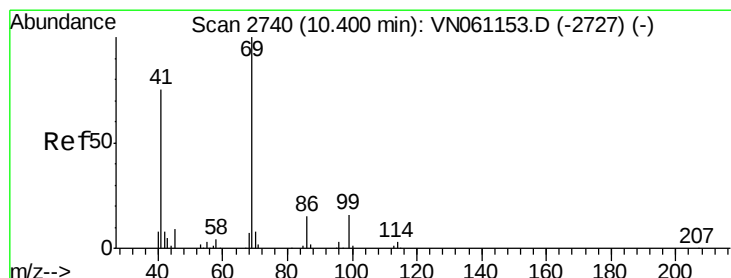
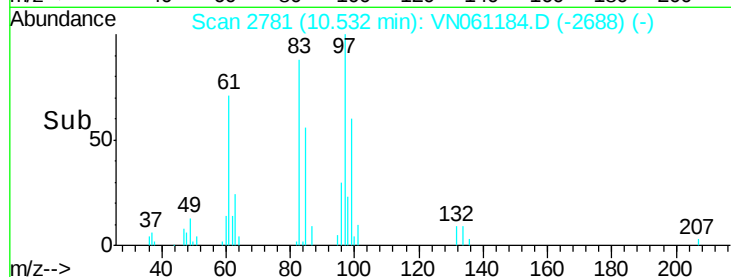
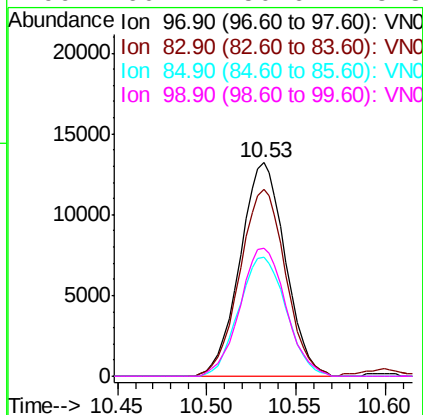
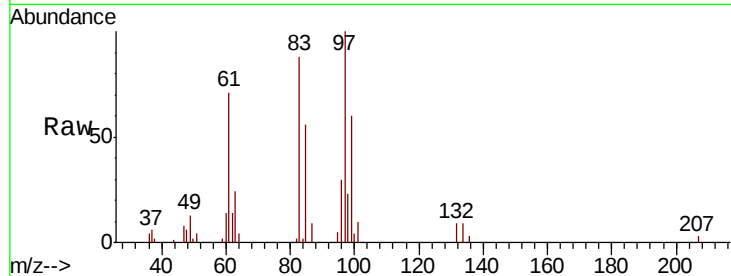




#55
 1,1,2-Trichloroethane
 Concen: 19.150 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

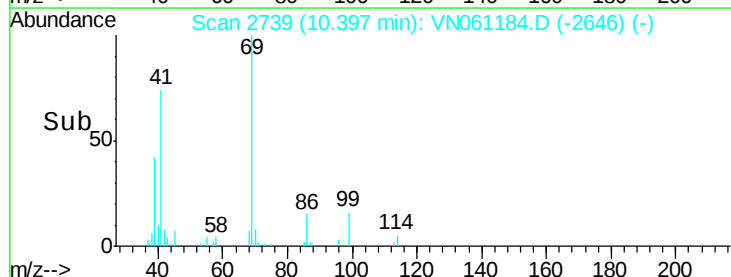
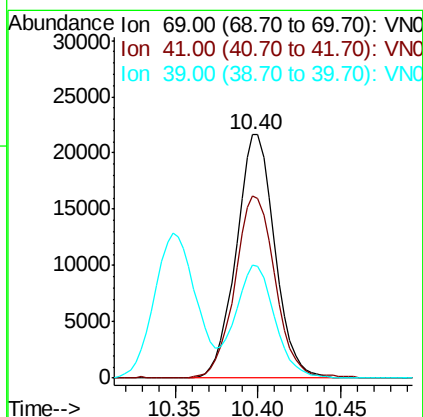
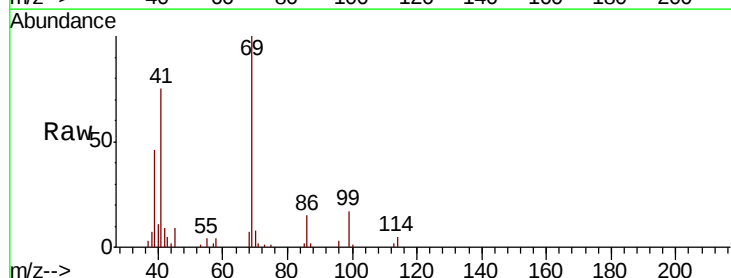
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

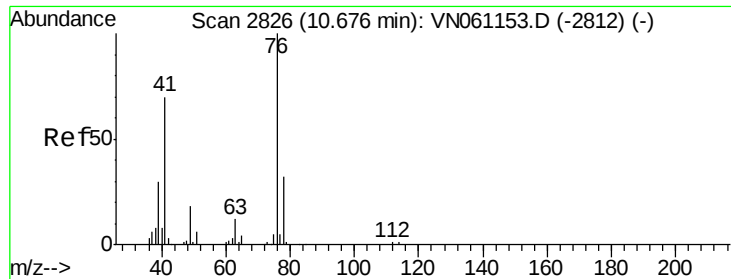
Tot Ion:	97	Resp:	23450
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.6	106.0
85	55.6	46.4	69.6
99	60.2	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 18.245 ug/l
 RT: 10.40 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion:	69	Resp:	35022
Ion	Ratio	Lower	Upper
69	100		
41	78.1	60.3	90.5
39	47.8	35.9	53.9

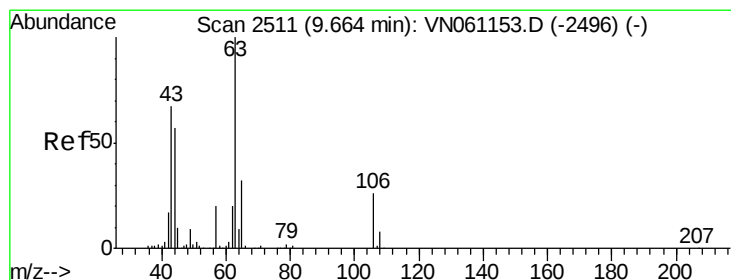
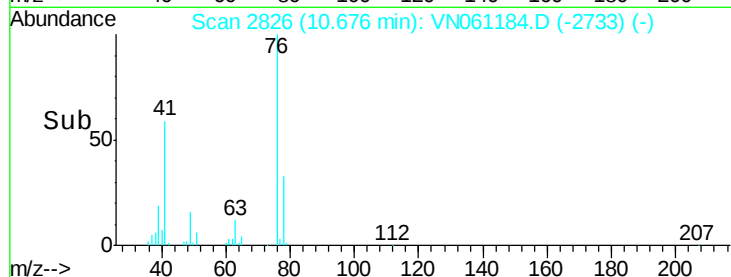
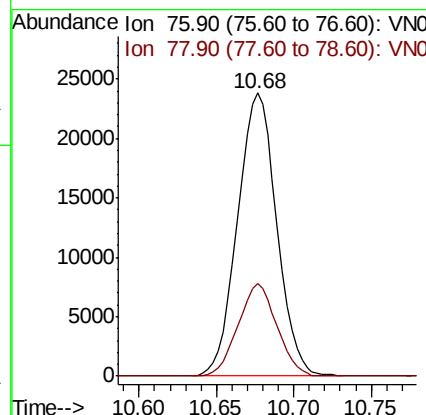
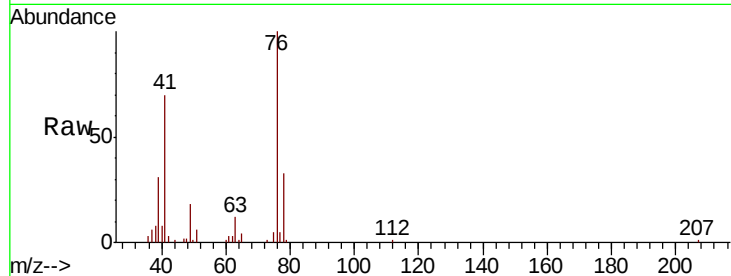




#57
 1,3-Dichloropropane
 Concen: 19.416 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

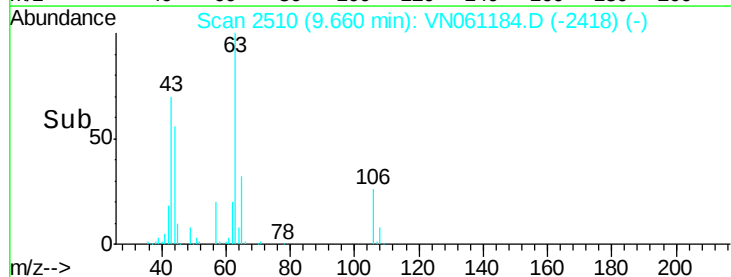
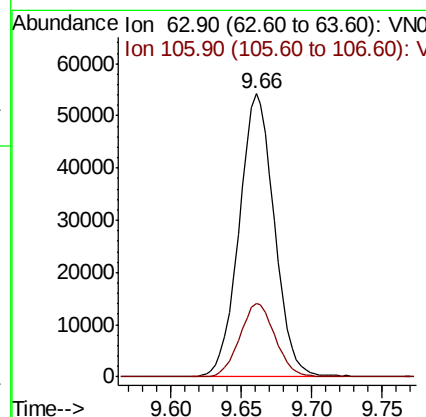
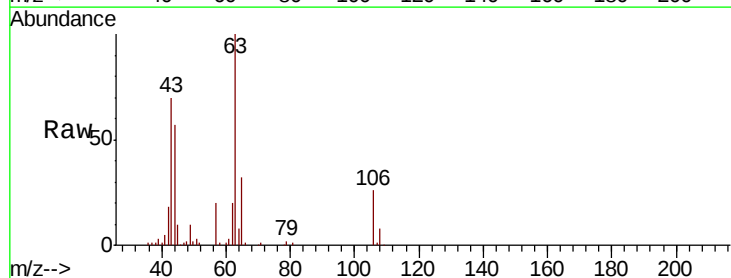
Instrument :
 MSVOA_N
 ClientSampled :
 VN0429WBSD01

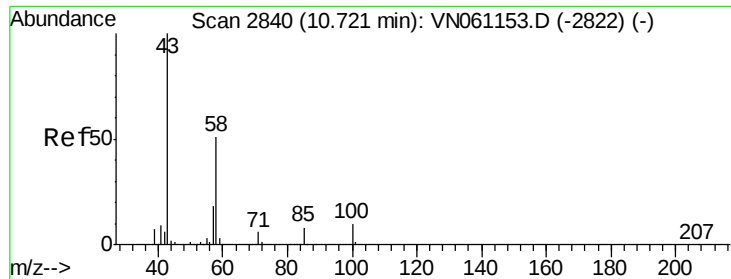
Tot Ion: 76 Resp: 41791
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.565 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 63 Resp: 94723
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.6 30.8

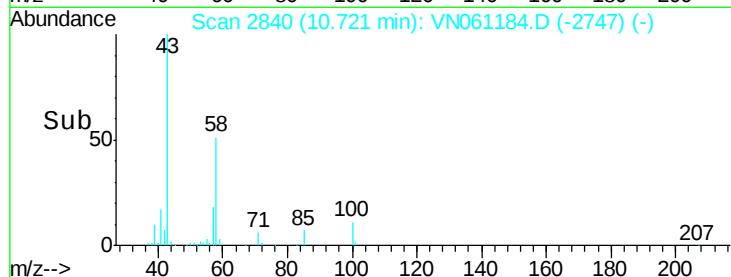
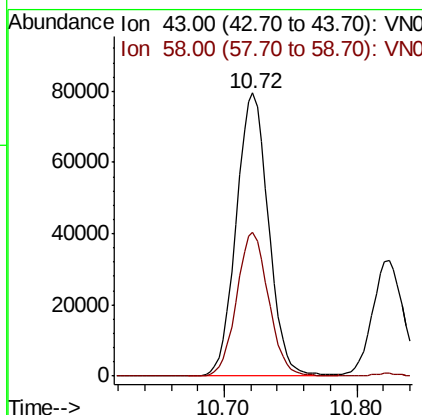
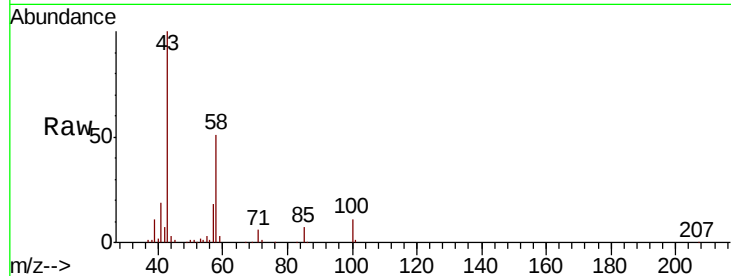




#59
2-Hexanone
Concen: 94.419 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

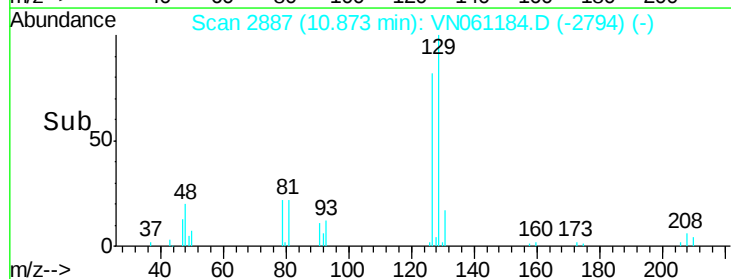
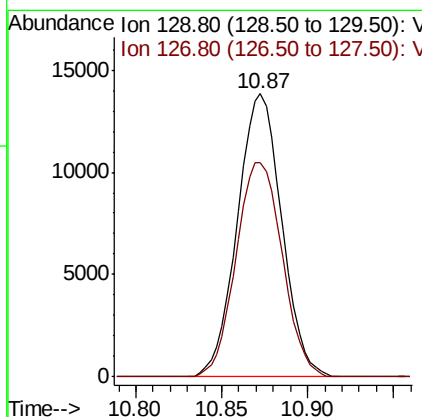
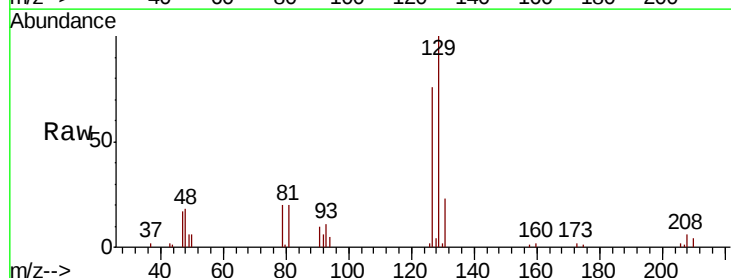
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

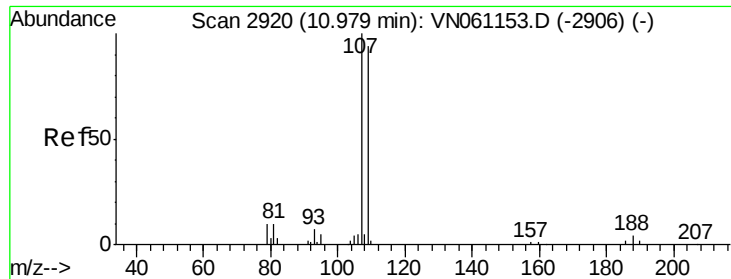
Tot Ion: 43 Resp: 134583
Ion Ratio Lower Upper
43 100
58 50.3 25.4 76.4



#60
Dibromochloromethane
Concen: 19.297 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 129 Resp: 24748
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.385 ug/l

RT: 10.98 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

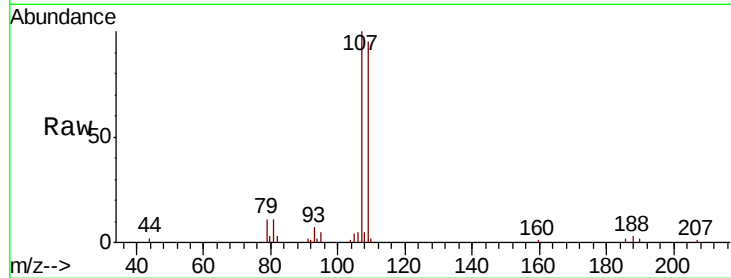
VN0429WBSD01

Tot Ion:107 Resp: 23792

Ion Ratio Lower Upper

107 100

109 95.9 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

15000

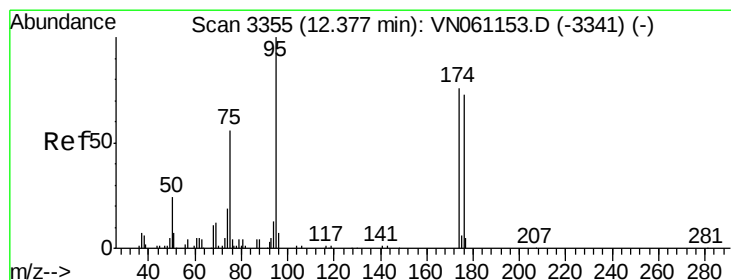
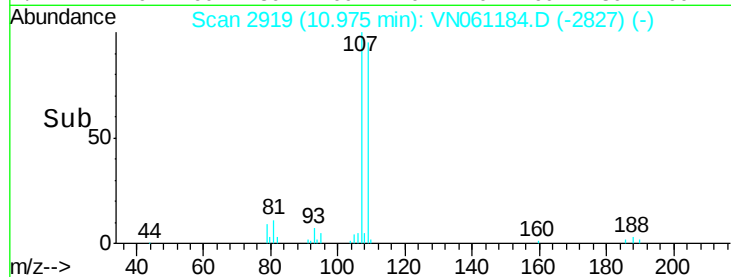
10000

5000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 48.284 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

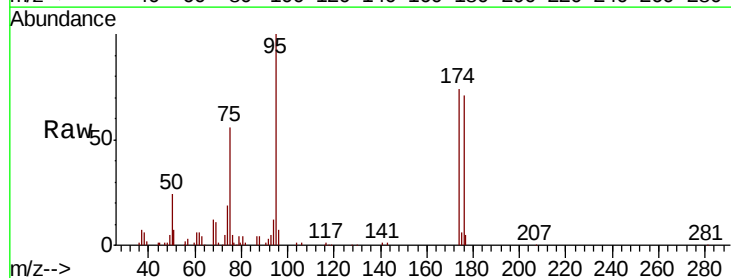
Tgt Ion: 95 Resp: 74854

Ion Ratio Lower Upper

95 100

174 72.8 0.0 149.4

176 70.4 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

50000

40000

30000

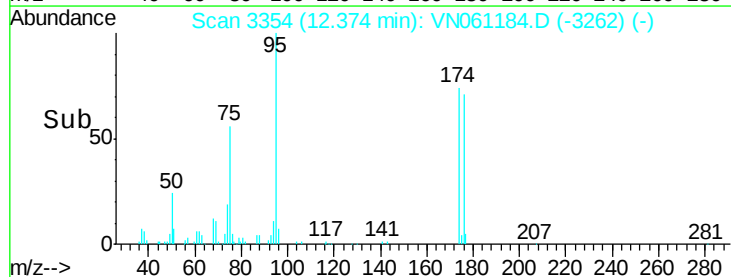
20000

10000

0

Time-->

12.30 12.35 12.40 12.45

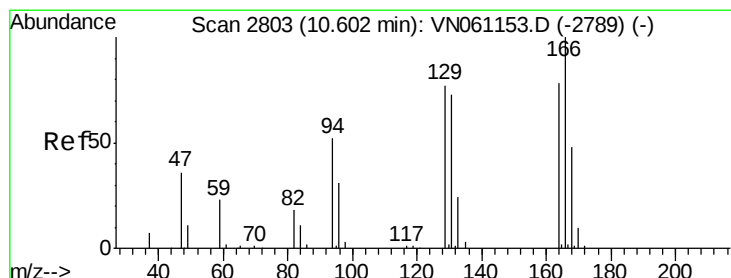
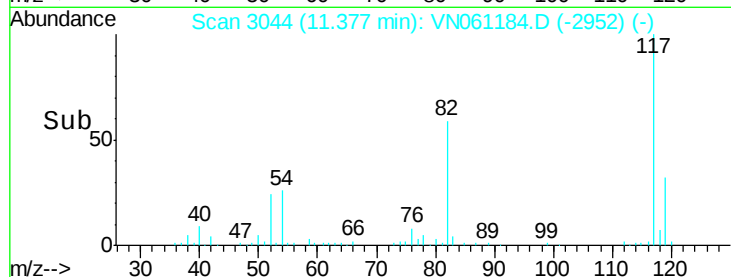
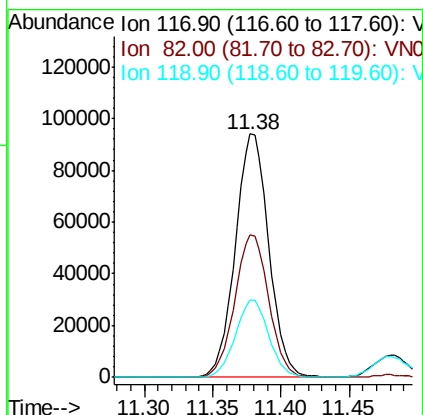
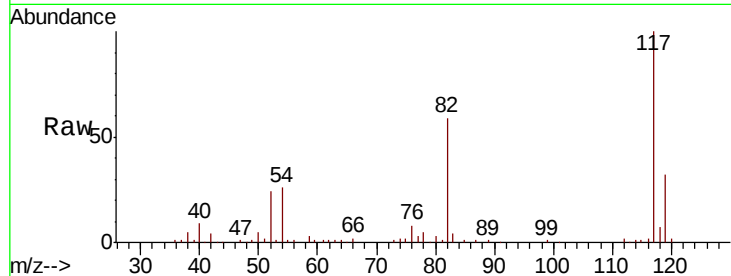




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

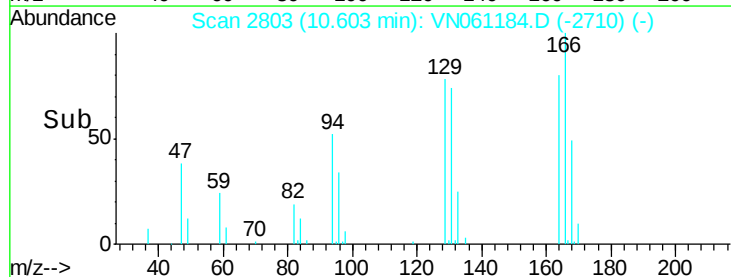
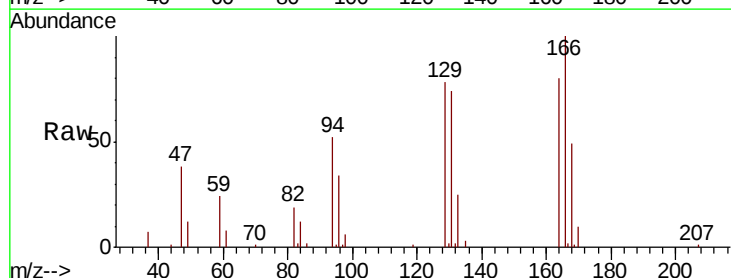
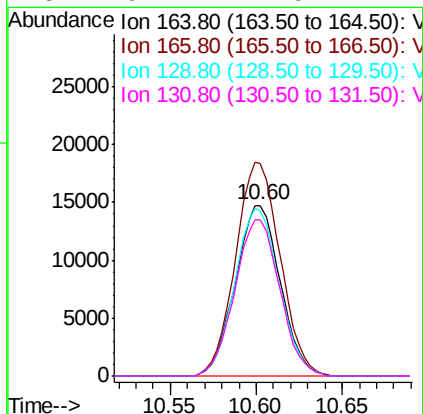
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

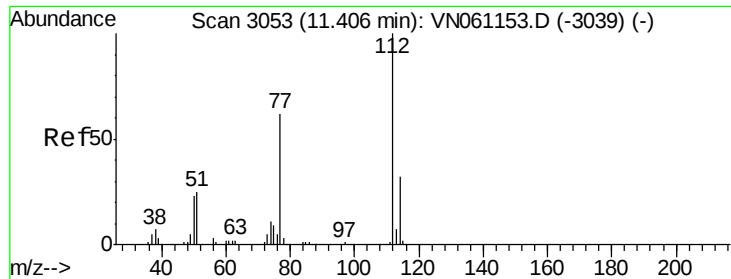
Tot Ion:117 Resp: 160084
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.228 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion:164 Resp: 26659
Ion Ratio Lower Upper
164 100
166 124.5 102.0 153.0
129 97.1 78.2 117.2
131 91.7 74.5 111.7





#65

Chlorobenzene

Concen: 19.120 ug/l

RT: 11.40 min Scan# 3052

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

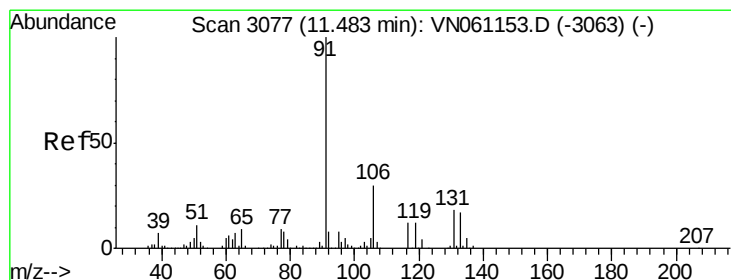
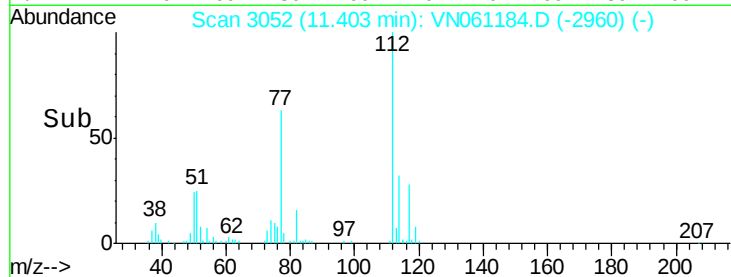
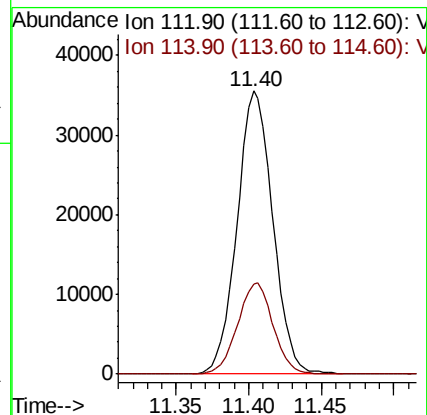
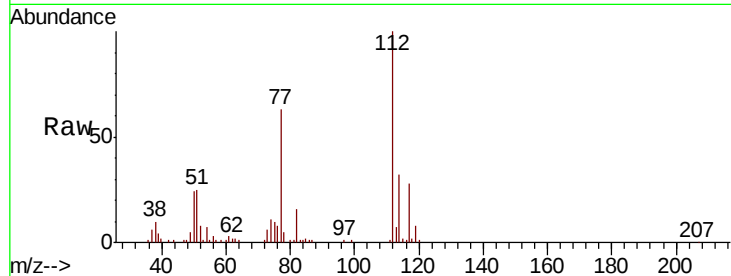
VN0429WBSD01

Tot Ion:112 Resp: 60715

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.244 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

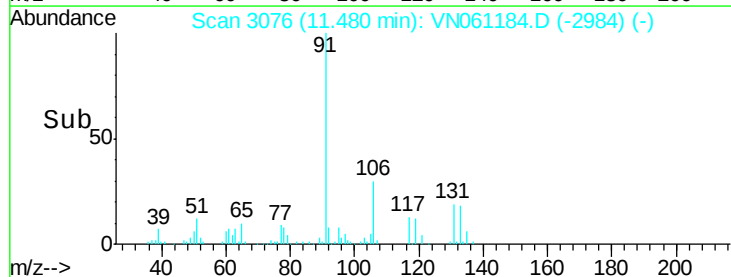
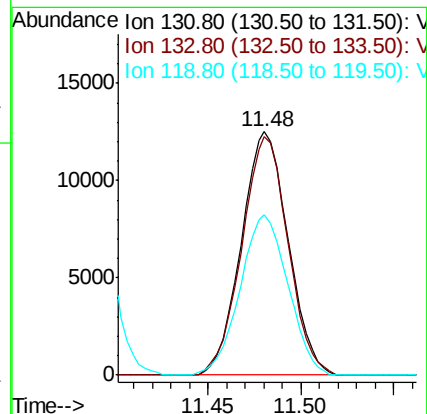
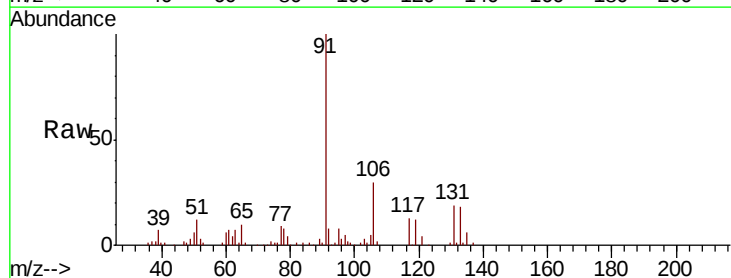
Tgt Ion:131 Resp: 21872

Ion Ratio Lower Upper

131 100

133 96.8 48.0 144.2

119 67.3 32.6 97.8

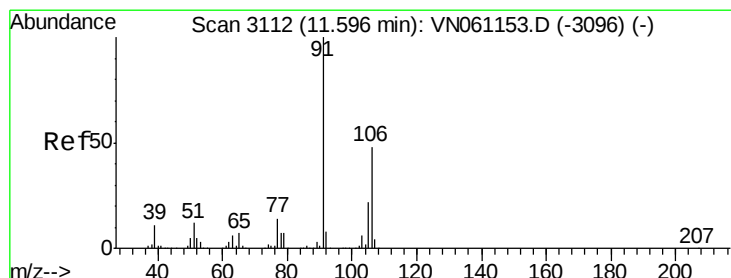
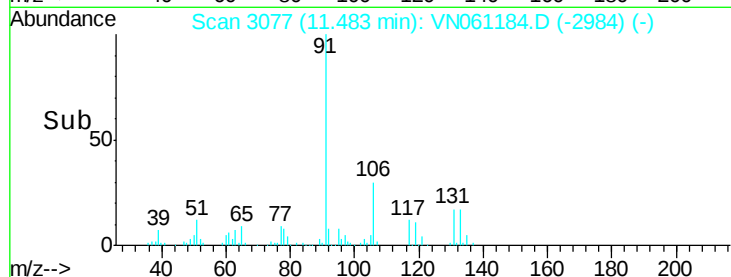
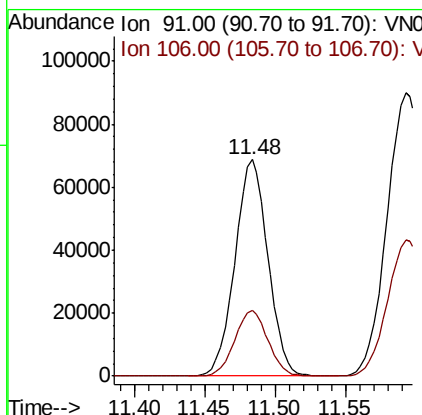
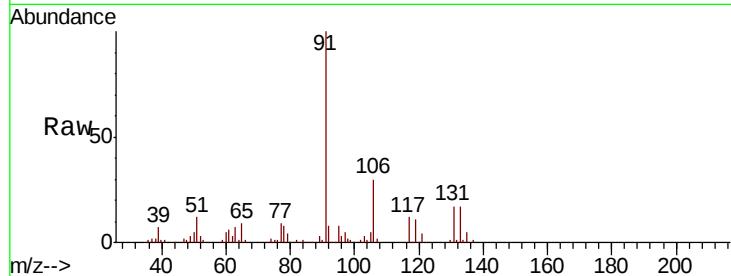




#67
Ethyl Benzene
Concen: 19.002 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

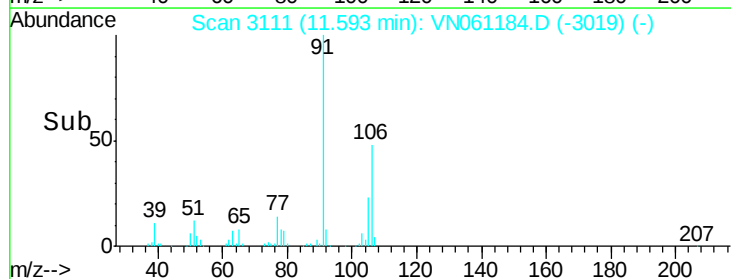
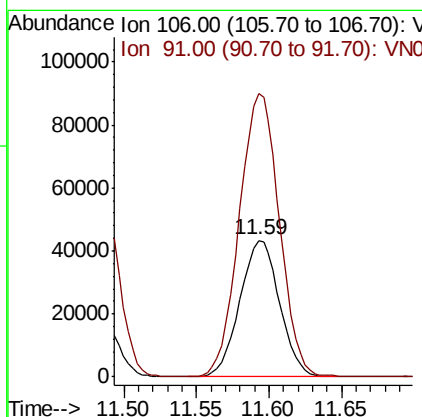
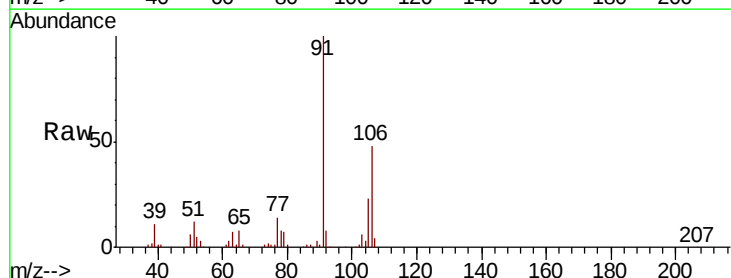
Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

Tot Ion: 91 Resp: 112956
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 37.861 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 106 Resp: 82382
Ion Ratio Lower Upper
106 100
91 210.0 166.4 249.6

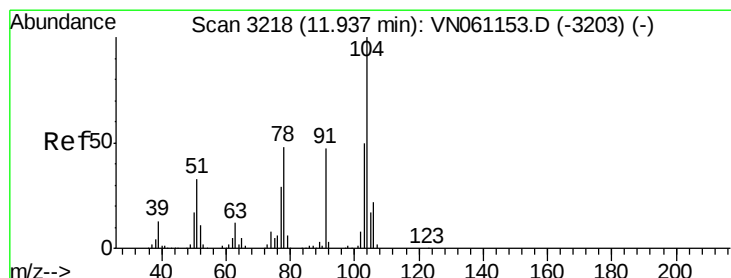
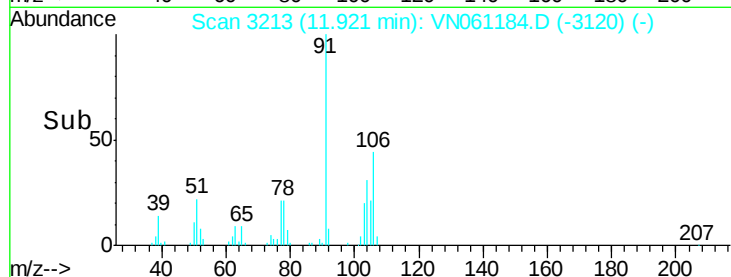
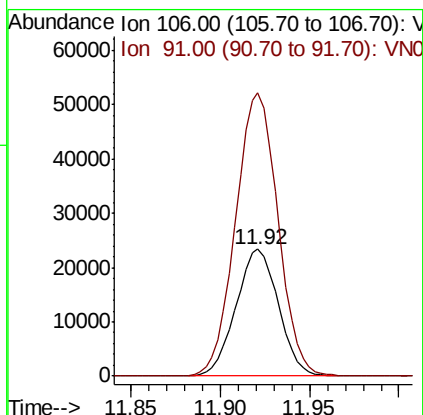
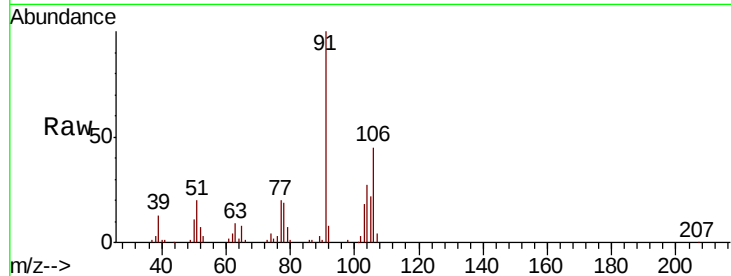




#69
o-Xylene
Concen: 18.539 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

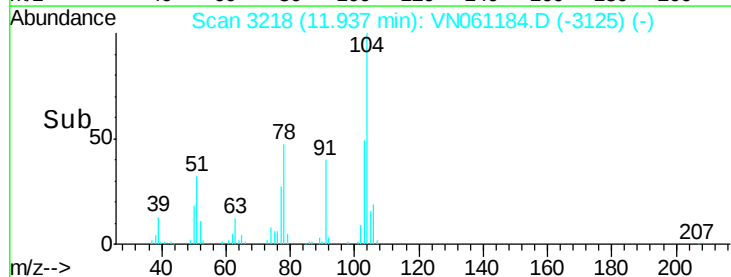
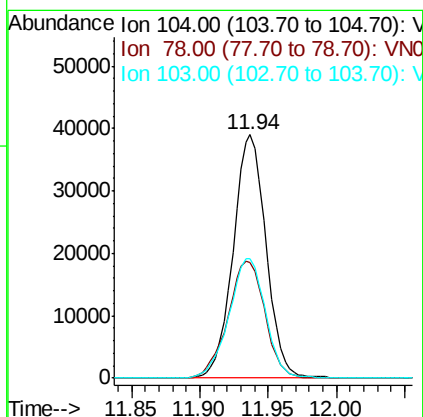
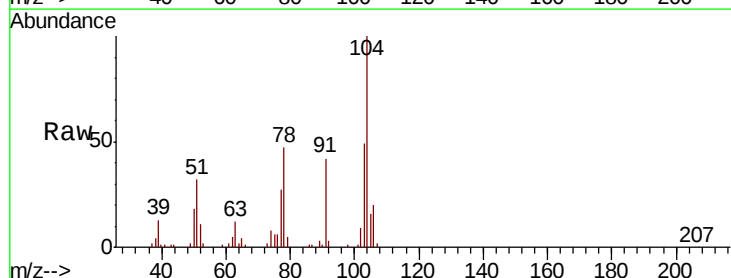
Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

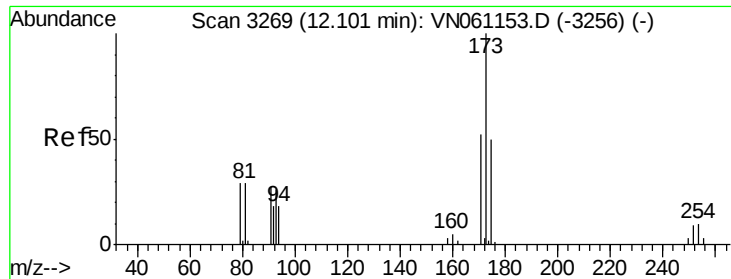
Tot Ion:106 Resp: 38747
Ion Ratio Lower Upper
106 100
91 222.7 109.7 329.0



#70
Styrene
Concen: 18.646 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion:104 Resp: 65226
Ion Ratio Lower Upper
104 100
78 54.2 42.1 63.1
103 54.4 43.3 64.9





#71

Bromoform

Concen: 19.567 ug/l

RT: 12.10 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

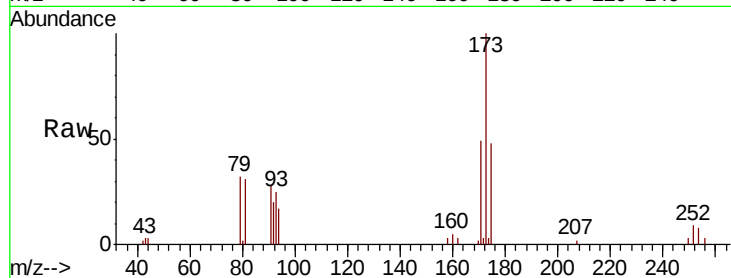
Tot Ion:173 Resp: 16344

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

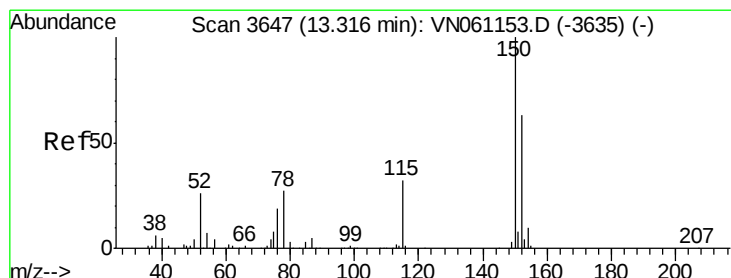
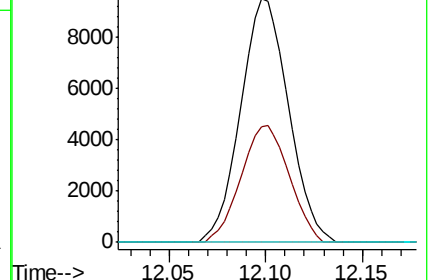
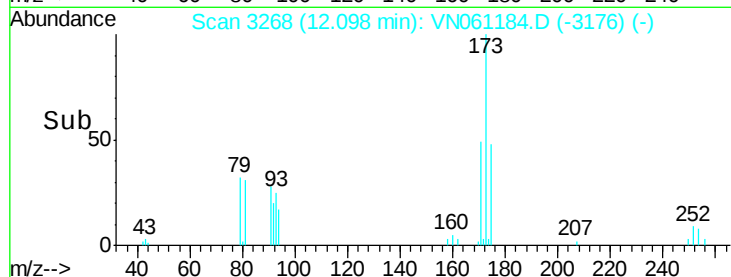
254 0.0 0.0 0.0



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# 3647

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

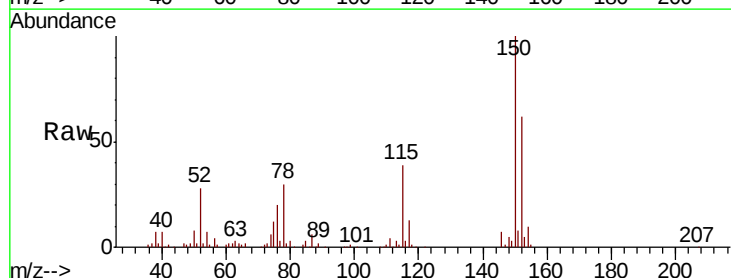
Tgt Ion:152 Resp: 76387

Ion Ratio Lower Upper

152 100

115 62.1 31.0 93.0

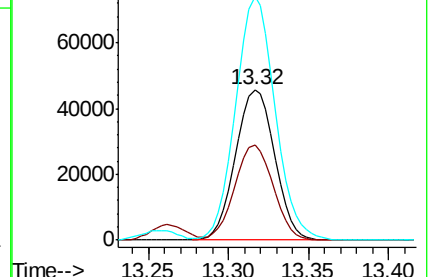
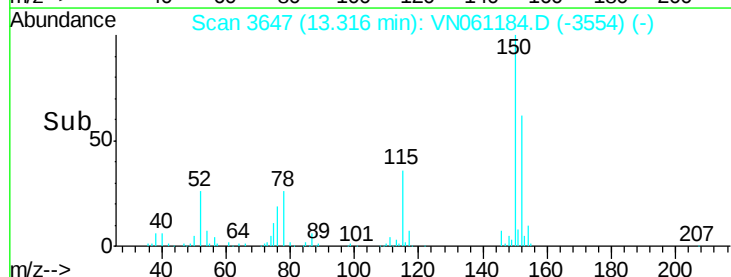
150 162.7 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.911 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

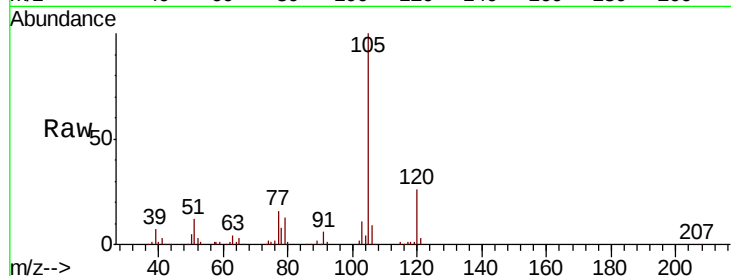
VN0429WBSD01

Tot Ion:105 Resp: 106195

Ion Ratio Lower Upper

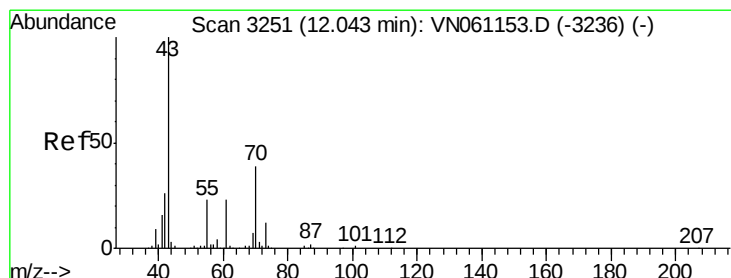
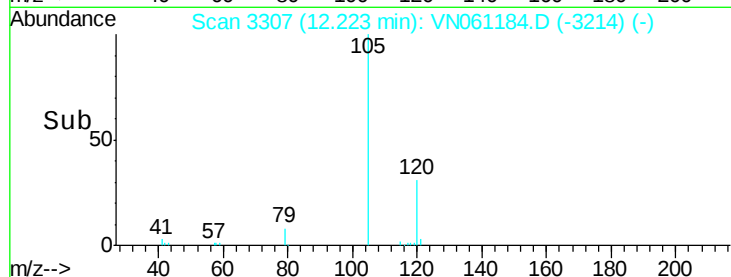
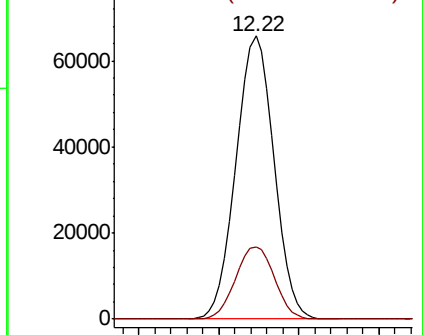
105 100

120 26.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.864 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Tgt Ion: 43 Resp: 53642

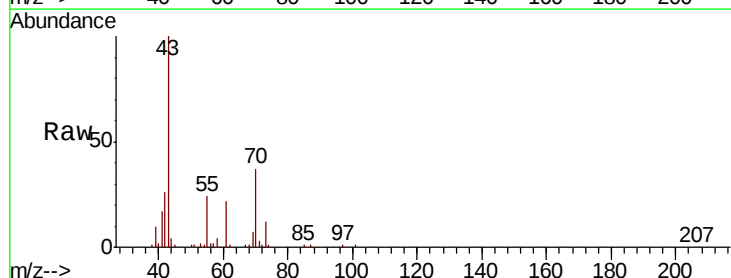
Ion Ratio Lower Upper

43 100

70 36.5 30.6 46.0

55 23.7 18.5 27.7

61 21.9 17.9 26.9

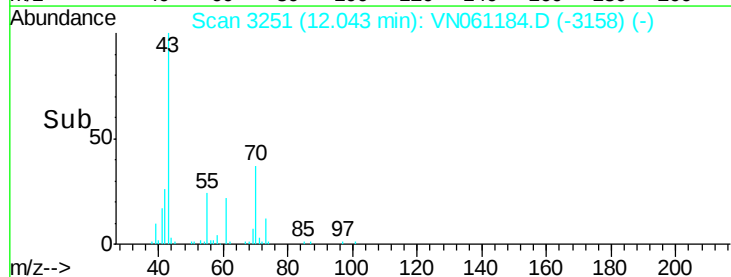
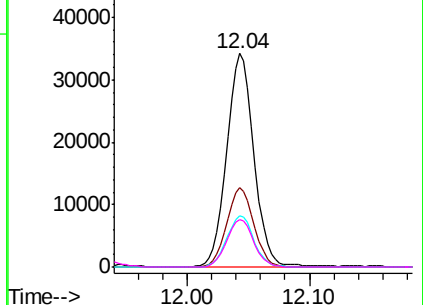


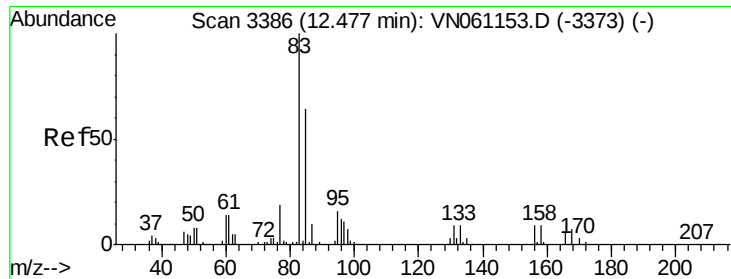
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.055 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

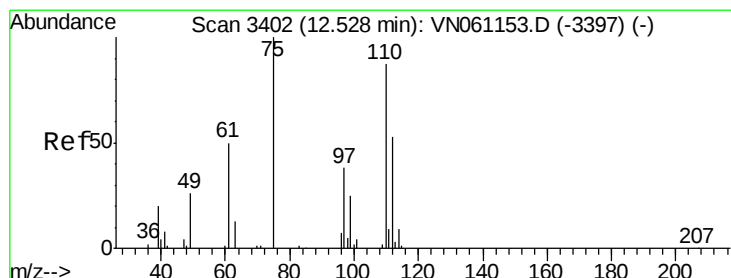
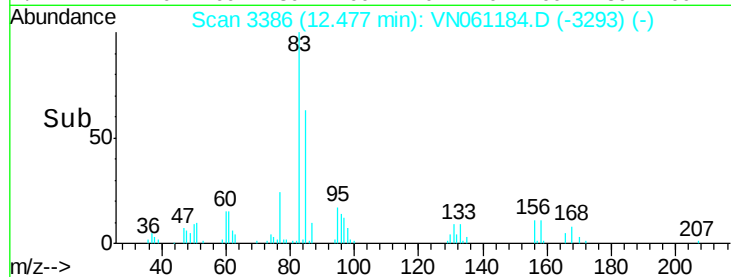
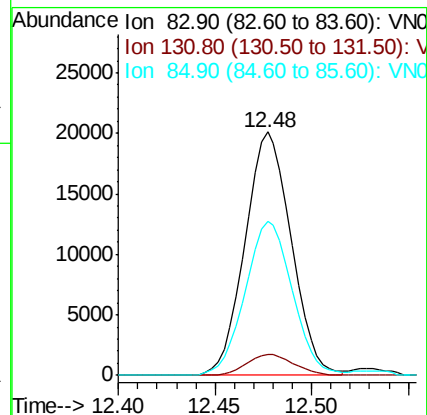
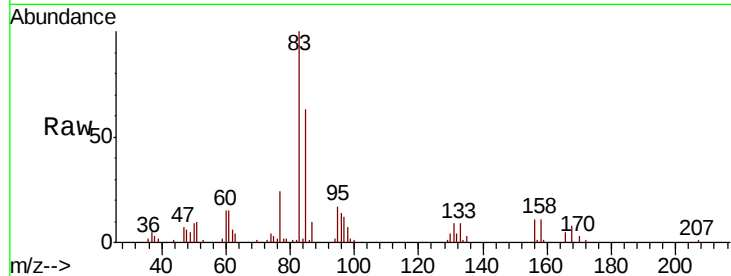
Tot Ion: 83 Resp: 33365

Ion Ratio Lower Upper

83 100

131 8.8 4.8 14.3

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 29.273 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061184.D

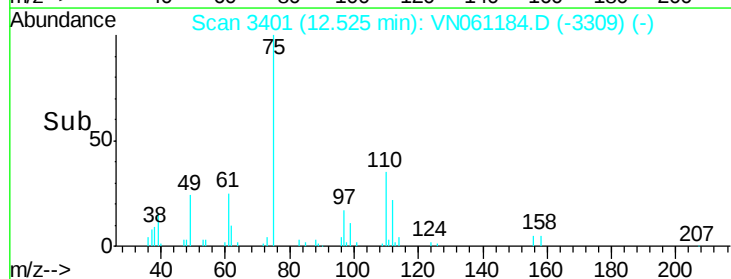
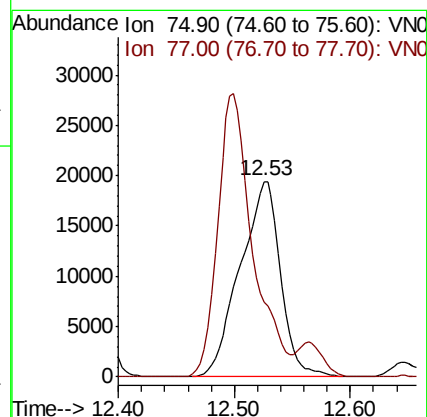
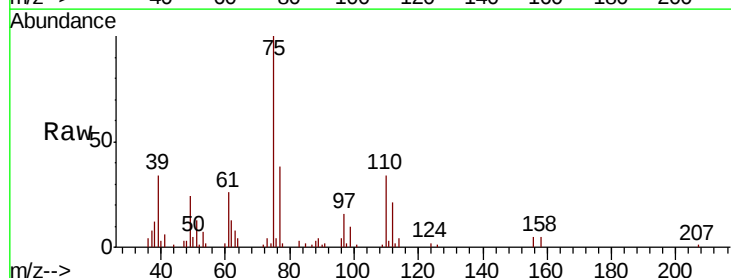
Acq: 29 Apr 2020 11:55

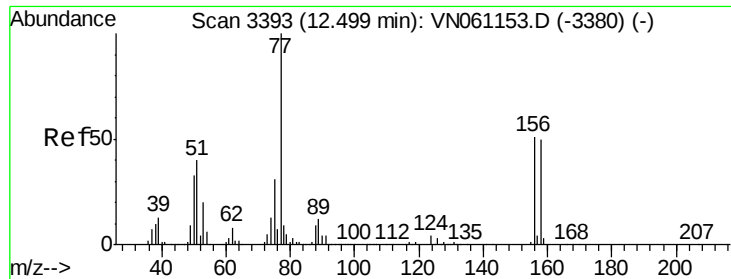
Tgt Ion: 75 Resp: 47143

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.301 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

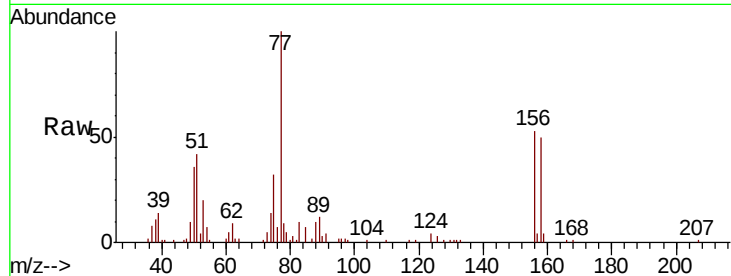
Tot Ion:156 Resp: 25020

Ion Ratio Lower Upper

156 100

77 235.1 117.4 352.2

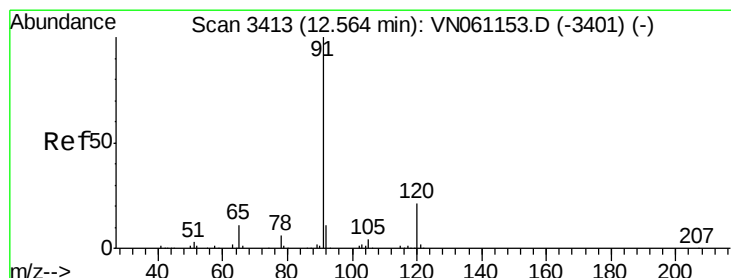
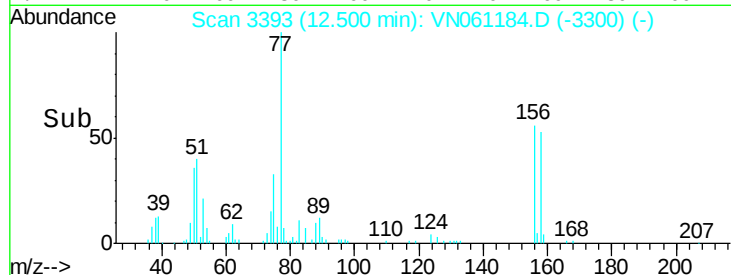
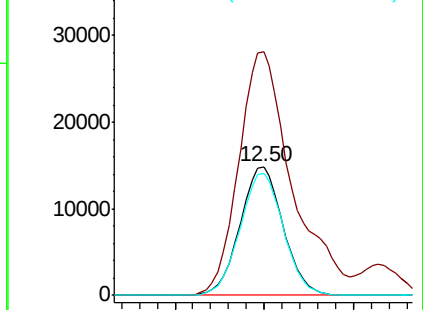
158 95.8 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.272 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061184.D

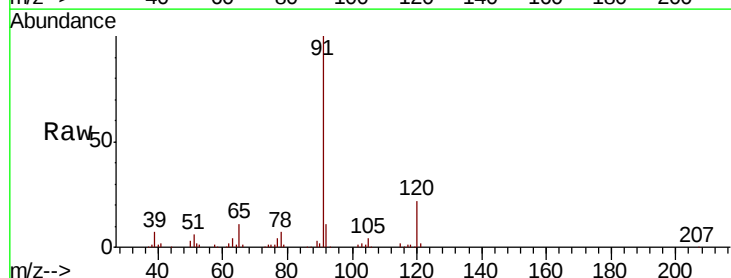
Acq: 29 Apr 2020 11:55

Tgt Ion: 91 Resp: 128363

Ion Ratio Lower Upper

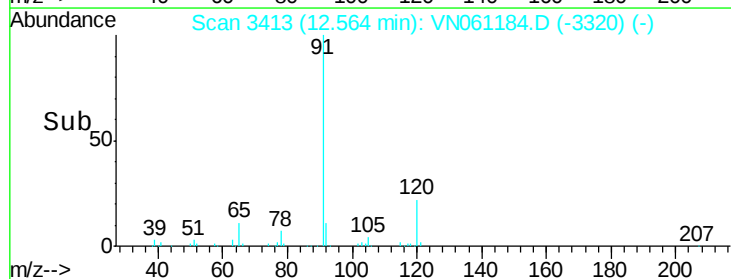
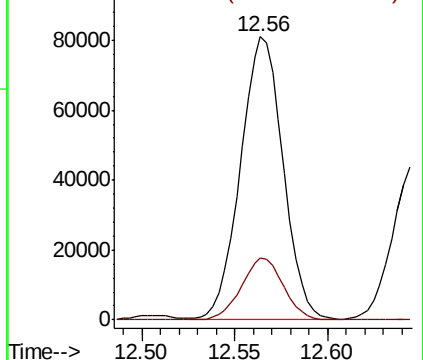
91 100

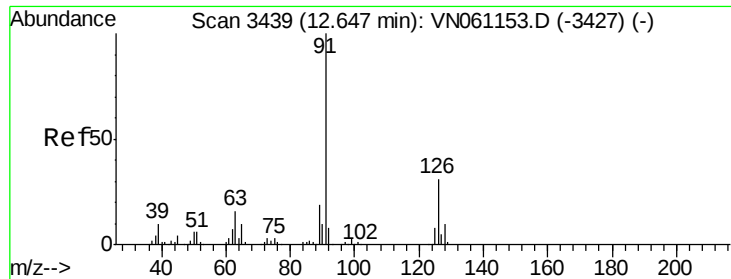
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.143 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

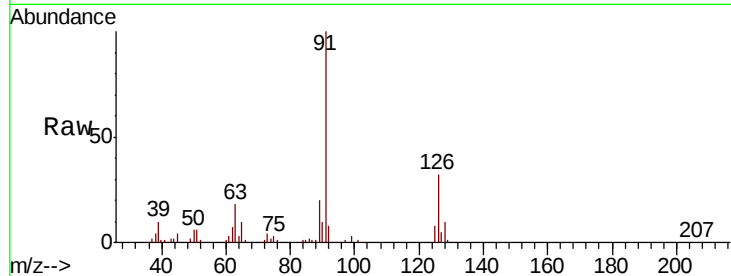
VN0429WBSD01

Tot Ion: 91 Resp: 74943

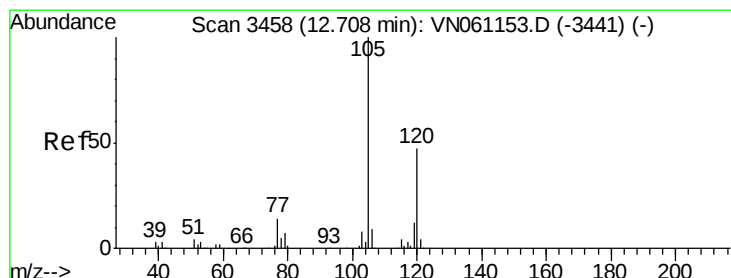
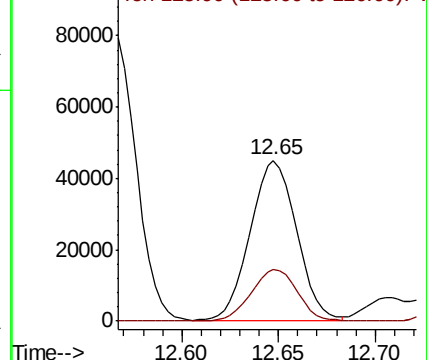
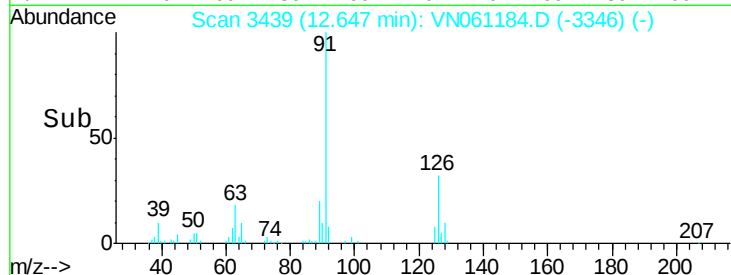
Ion Ratio Lower Upper

91 100

126 32.1 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061184.D (-3346) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.416 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061184.D

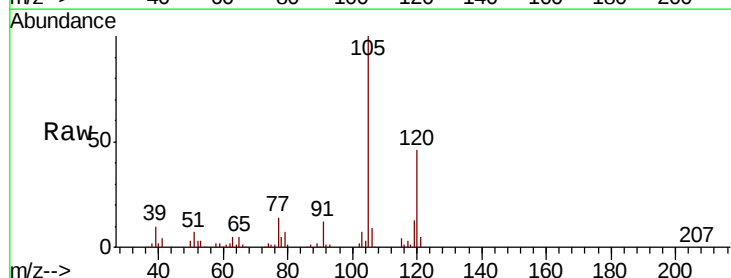
Acq: 29 Apr 2020 11:55

Tgt Ion:105 Resp: 90239

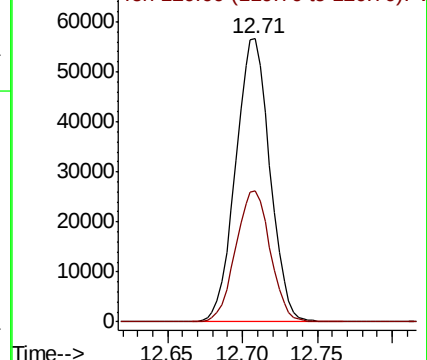
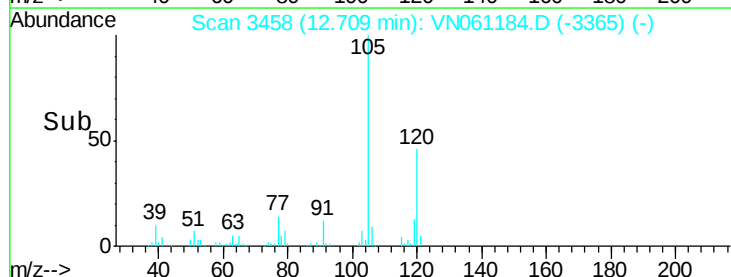
Ion Ratio Lower Upper

105 100

120 46.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061184.D (-3365) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.356 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061184.D

Acq: 29 Apr 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

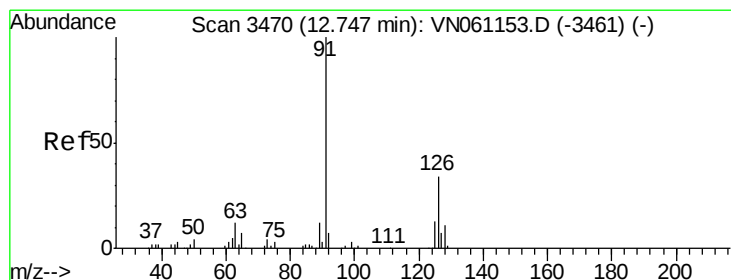
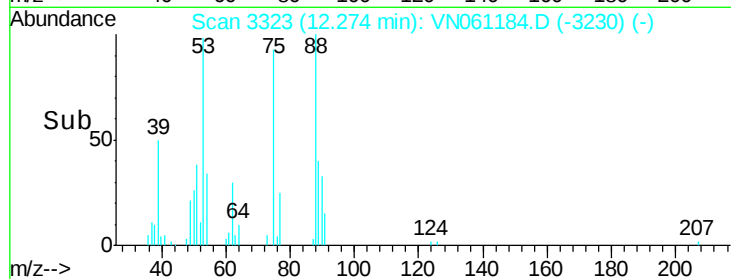
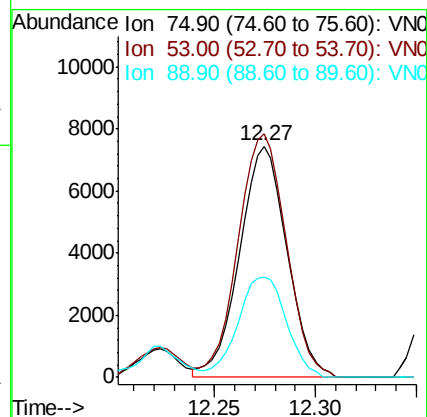
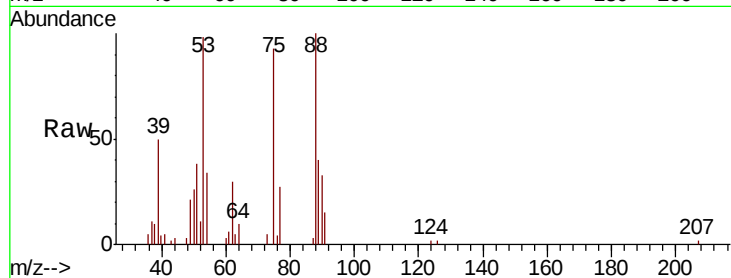
Tot Ion: 75 Resp: 12275

Ion Ratio Lower Upper

75 100

53 106.7 84.1 126.1

89 44.1 35.2 52.8



#82

4-Chlorotoluene

Concen: 19.297 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061184.D

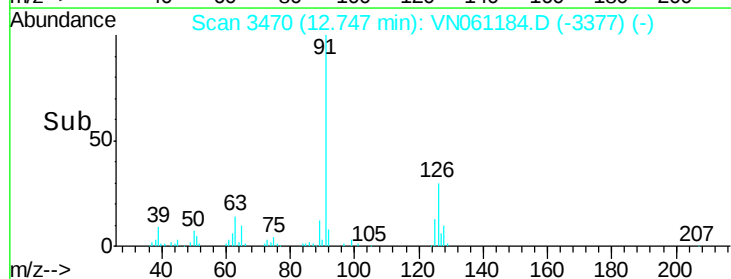
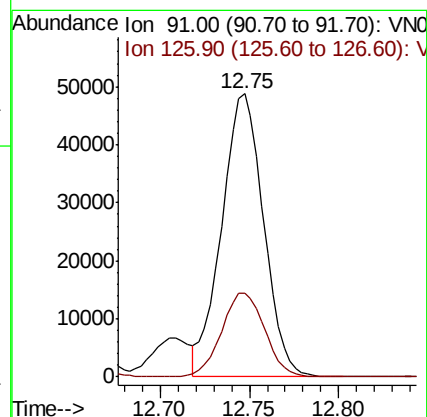
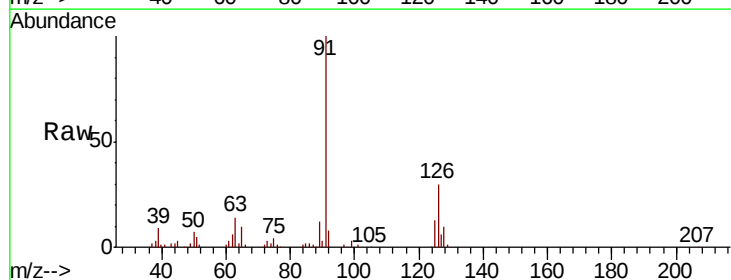
Acq: 29 Apr 2020 11:55

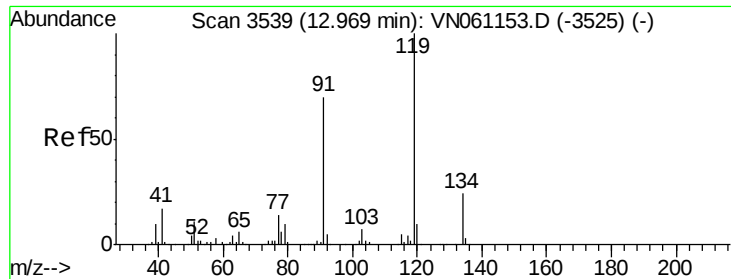
Tgt Ion: 91 Resp: 79625

Ion Ratio Lower Upper

91 100

126 30.3 15.7 47.1

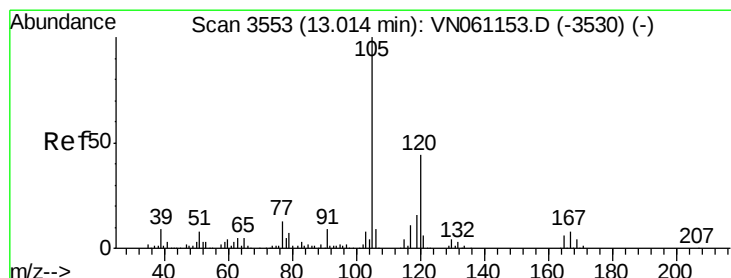
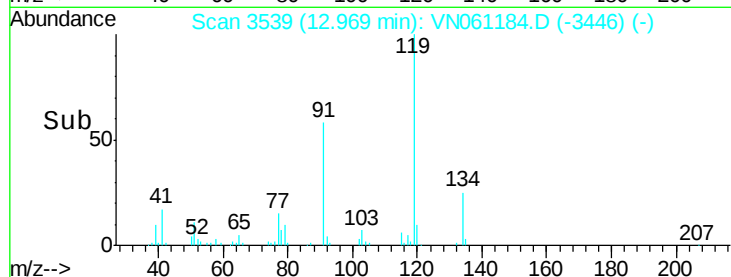
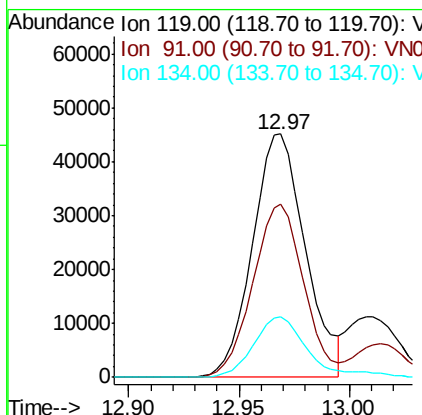
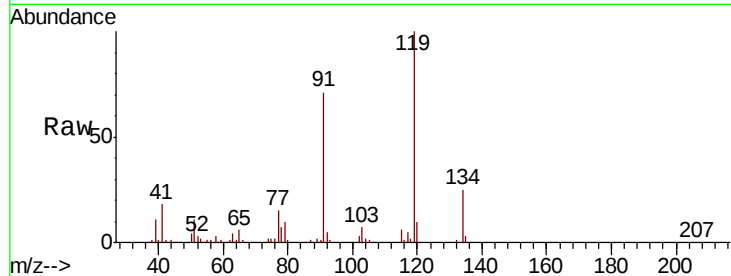




#83
 tert-Butylbenzene
 Concen: 19.194 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

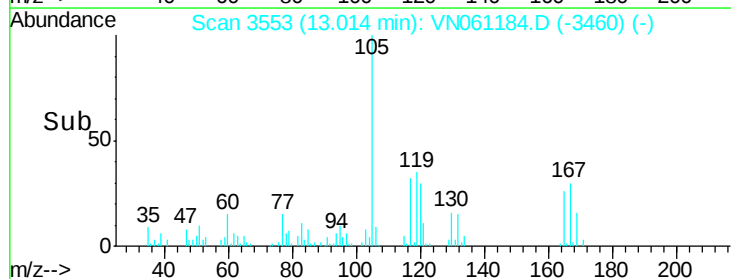
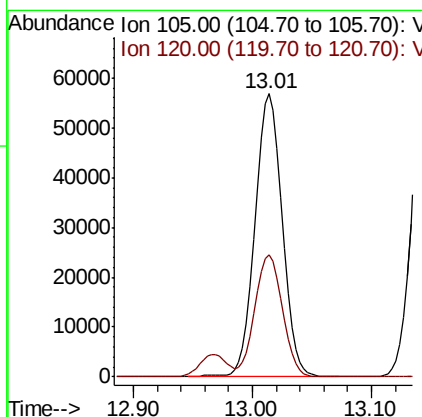
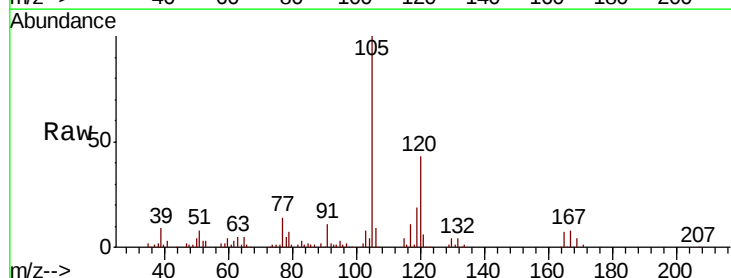
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

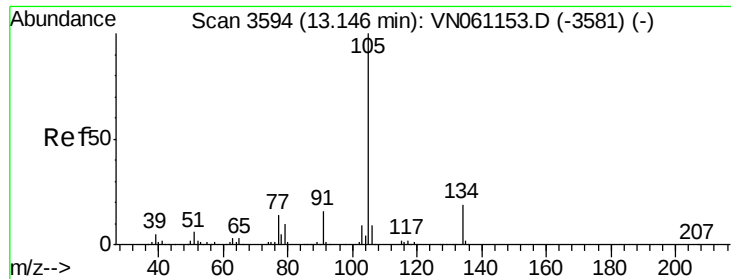
Tot Ion:119 Resp: 75224
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.8 104.4
 134 25.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.883 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion:105 Resp: 90420
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.2 66.6

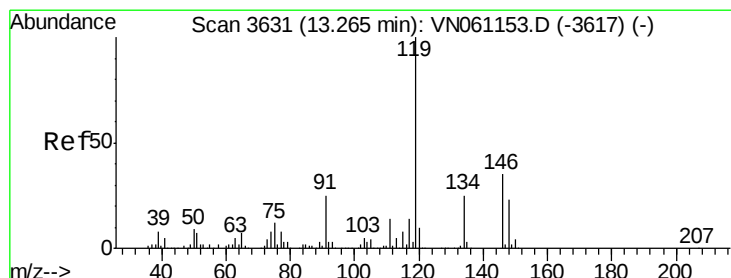
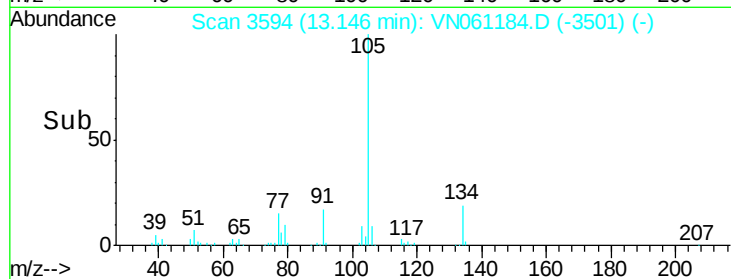
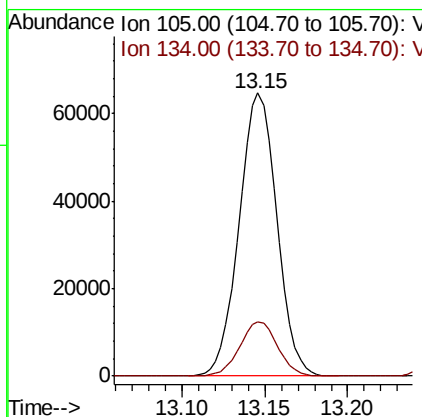
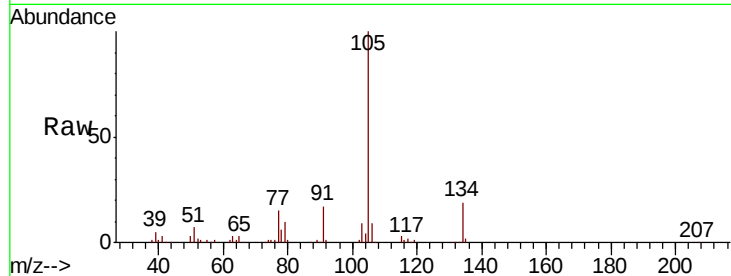




#85
 sec-Butylbenzene
 Concen: 19.200 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

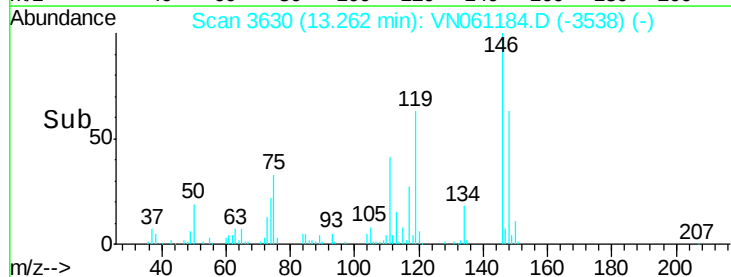
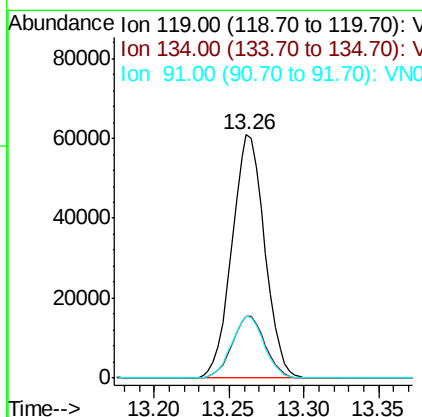
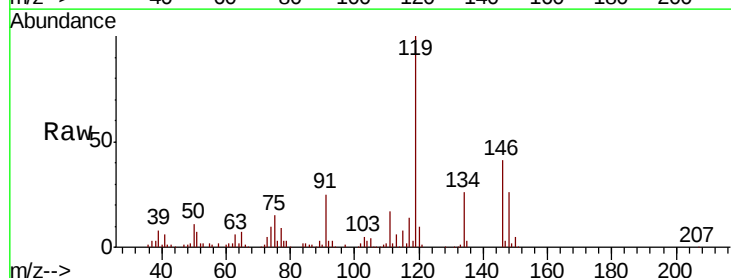
Instrument :
 MSVOA_N
 ClientSampled :
 VN0429WBSD01

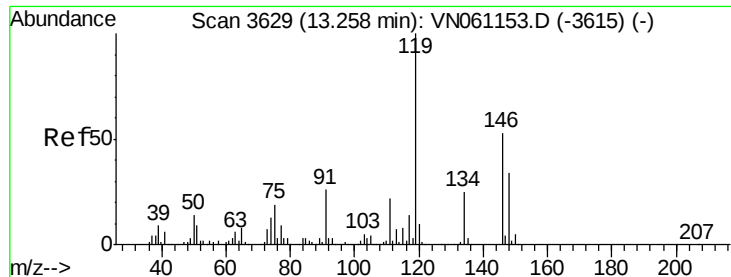
Tot Ion:105 Resp: 102589
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.276 ug/l
 RT: 13.26 min Scan# 3630
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion:119 Resp: 92796
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.6
 91 25.2 12.7 38.0

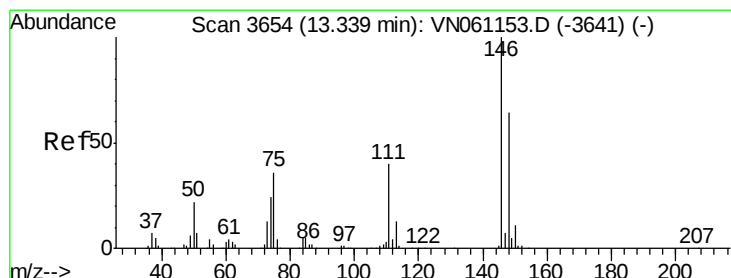
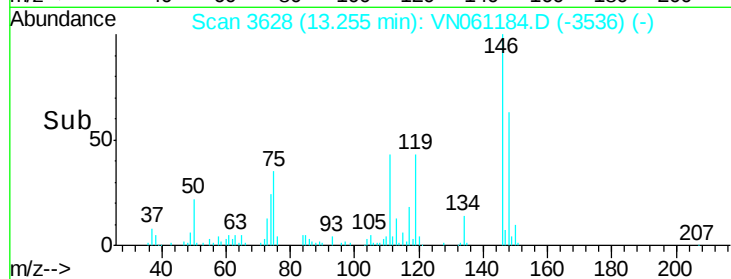
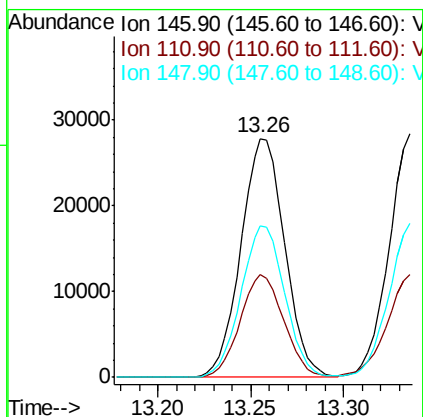
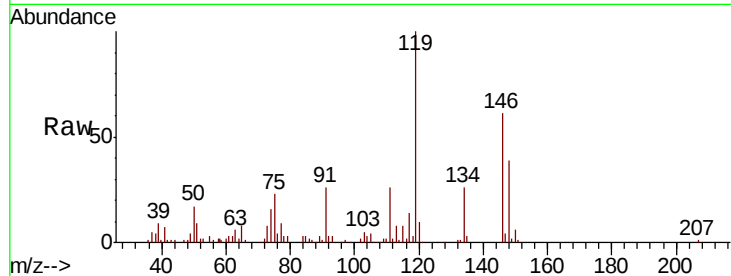




#87
 1,3-Dichlorobenzene
 Concen: 19.134 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

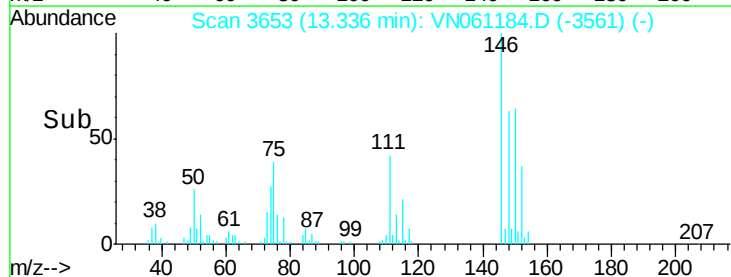
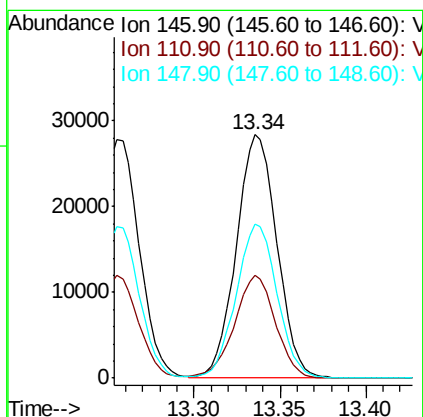
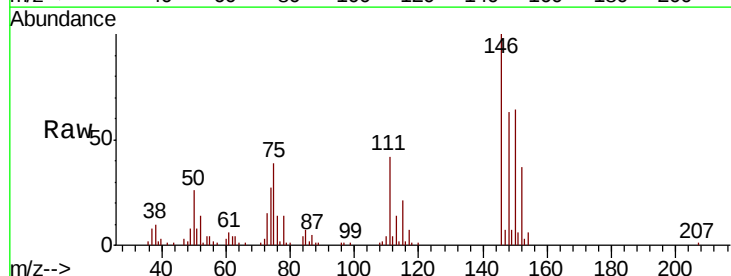
Instrument :
 MSVOA_N
 ClientSampled :
 VN0429WBSD01

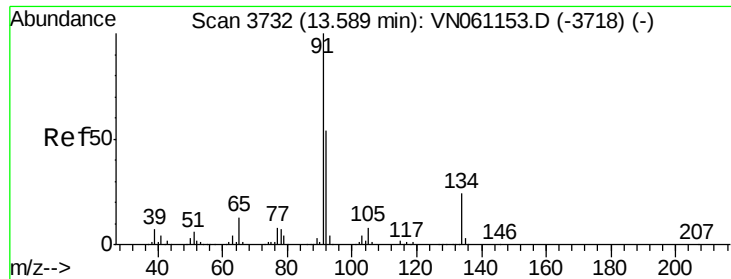
Tot Ion:146 Resp: 45662
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.7 62.1
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.088 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion:146 Resp: 46543
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.4 61.3
 148 63.9 31.9 95.7

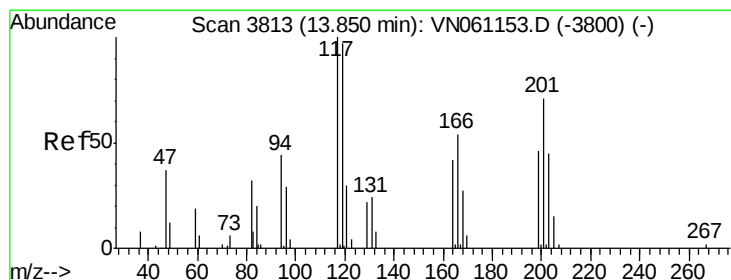
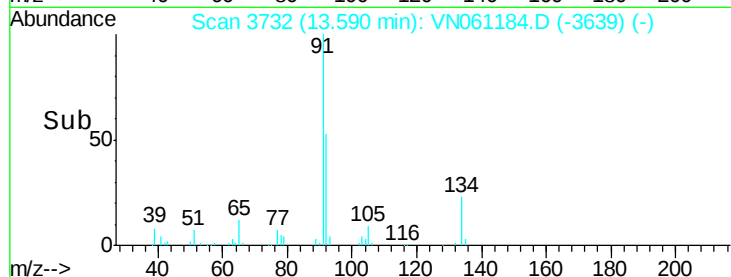
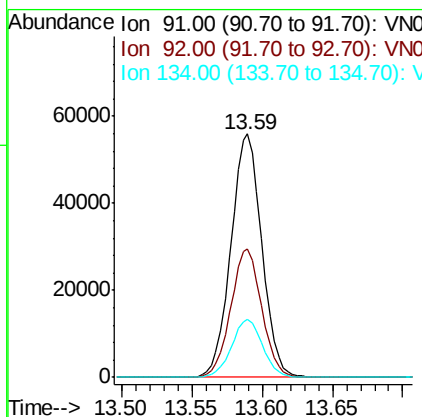
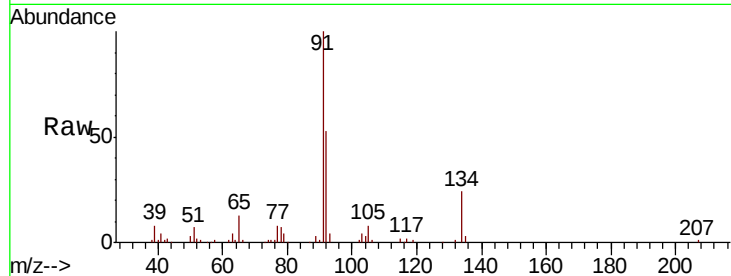




#89
n-Butylbenzene
Concen: 19.393 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

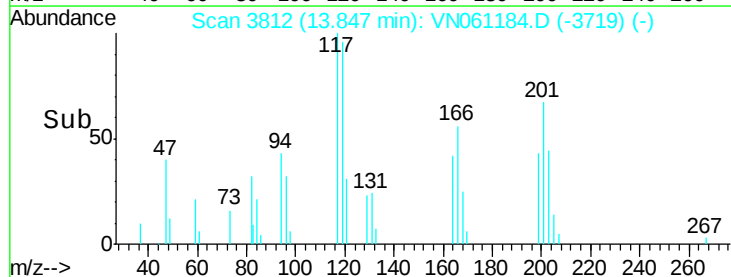
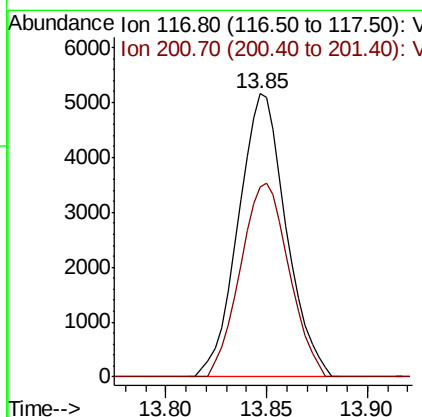
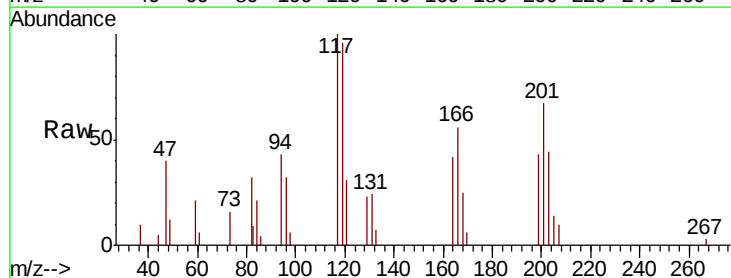
Instrument :
MSVOA_N
ClientSampled :
VN0429WBSD01

Tot Ion: 91 Resp: 85588
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 23.8 11.9 35.5



#90
Hexachloroethane
Concen: 22.097 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion: 117 Resp: 8574
Ion Ratio Lower Upper
117 100
201 69.2 35.5 106.7

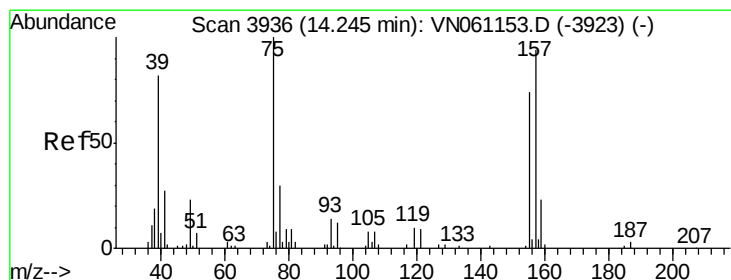
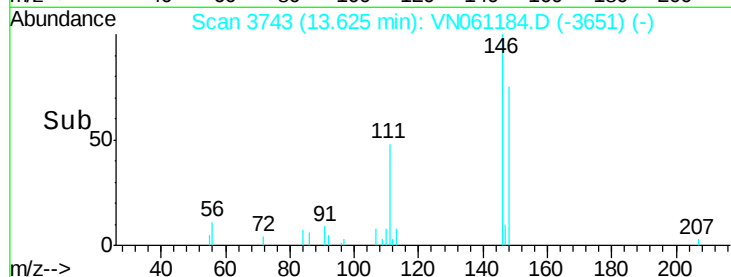
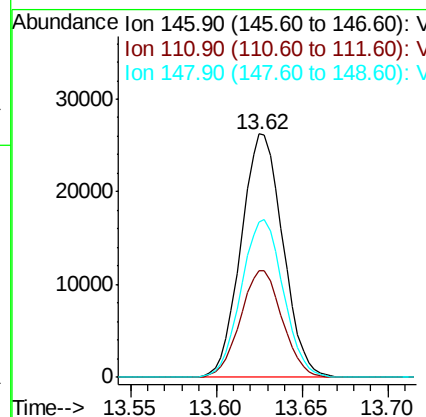
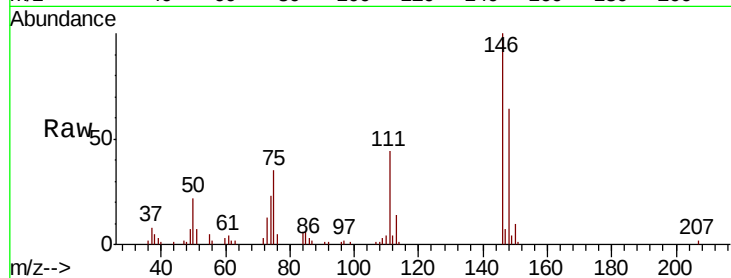




#91
 1,2-Dichlorobenzene
 Concen: 19.311 ug/l
 RT: 13.62 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

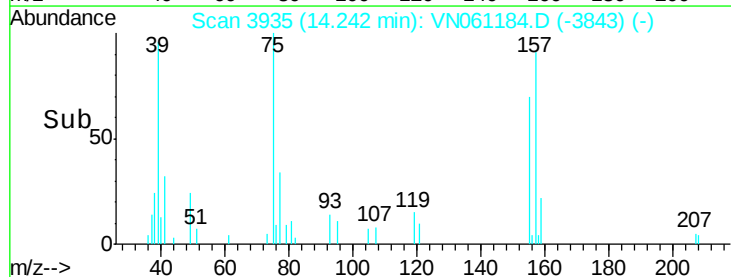
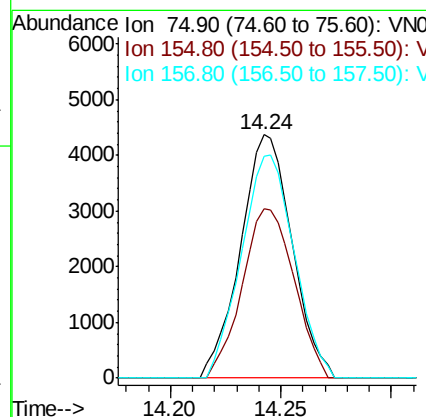
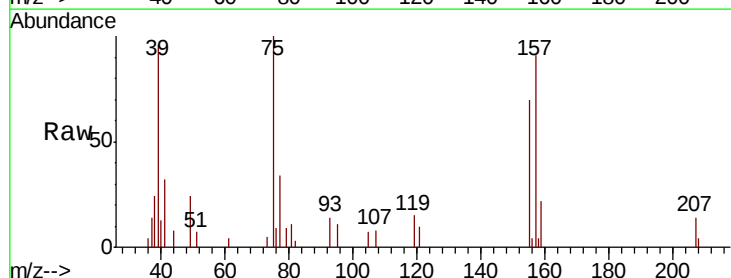
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tot Ion:146 Resp: 44188
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.8 65.3
 148 65.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.145 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion: 75 Resp: 7080
 Ion Ratio Lower Upper
 75 100
 155 70.0 36.5 109.7
 157 93.5 46.6 139.7

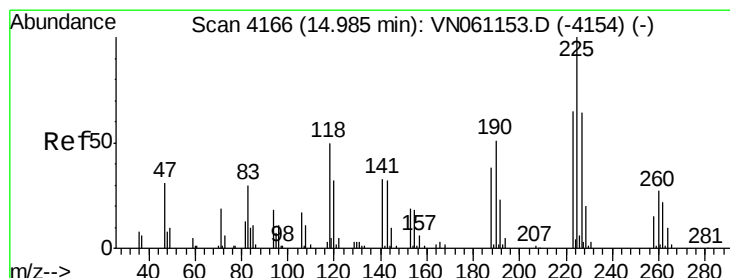
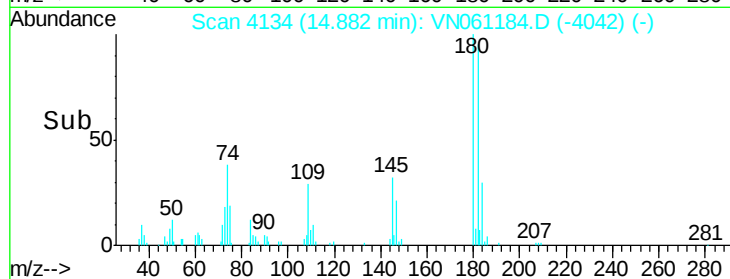
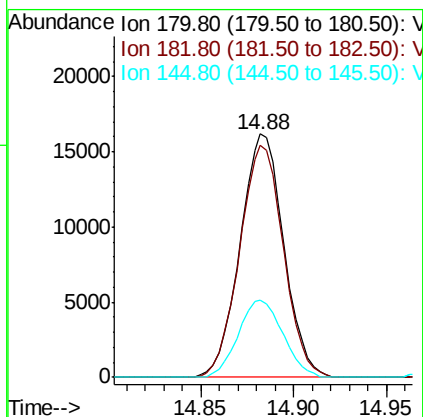
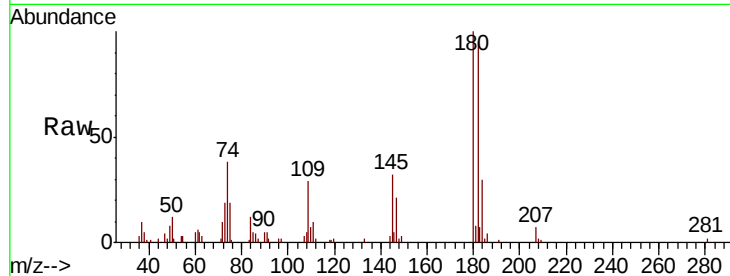




#93
 1,2,4-Trichlorobenzene
 Concen: 19.021 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

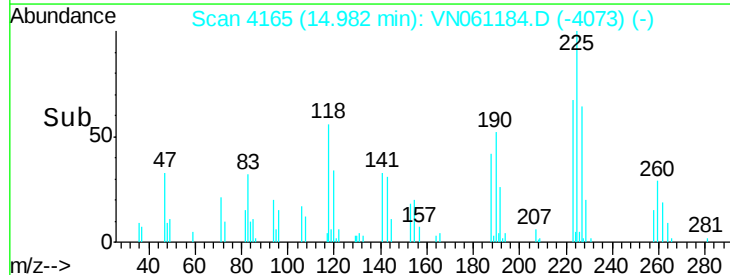
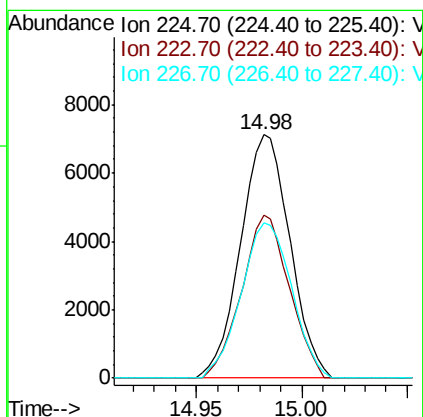
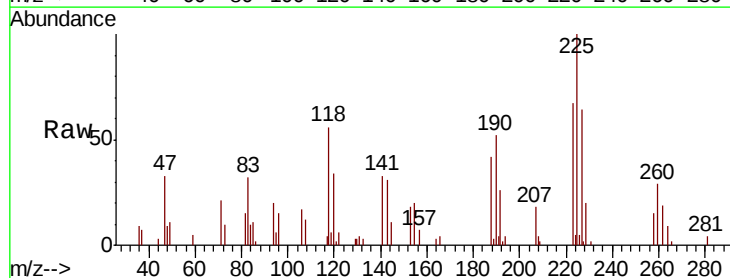
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

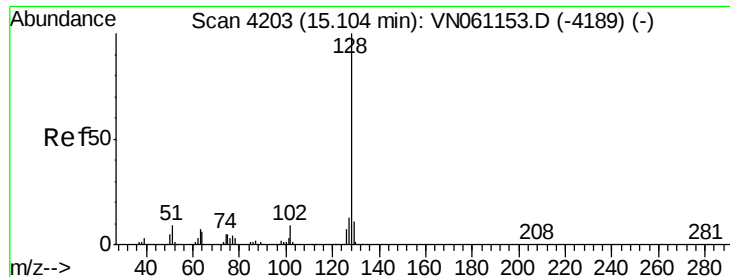
Tot Ion:180 Resp: 26504
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.9
 145 32.5 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 19.867 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061184.D
 Acq: 29 Apr 2020 11:55

Tgt Ion:225 Resp: 11565
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.4 97.0
 227 65.6 32.4 97.0

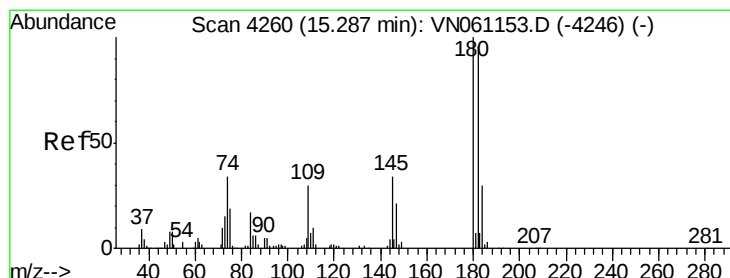
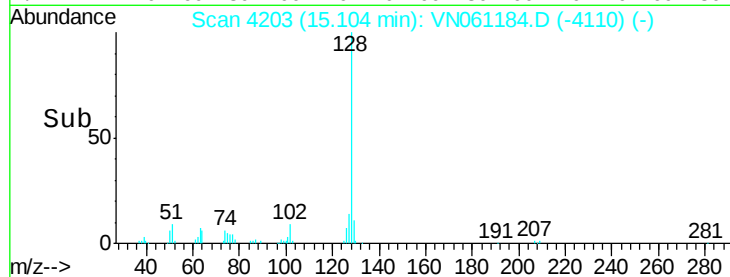
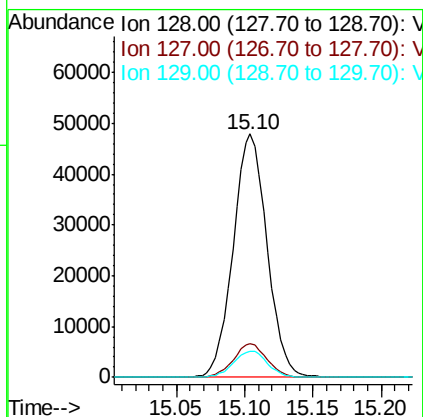
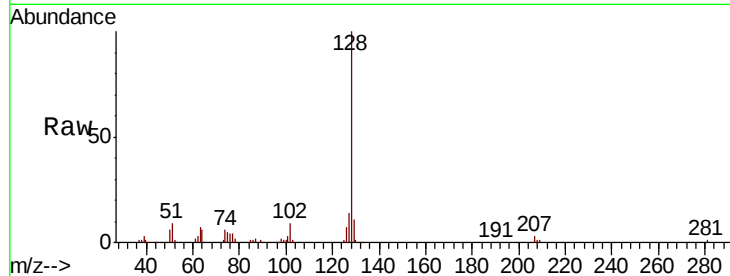




#95
Naphthalene
Concen: 18.199 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tot Ion:128 Resp: 82584
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.013 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061184.D
Acq: 29 Apr 2020 11:55

Tgt Ion:180 Resp: 26156
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 33.6 16.9 50.7

