

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061835.D
 Acq On : 16 Jun 2020 19:01
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 17 00:55:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	169813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	290405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217890	106.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.52%	
35) Dibromofluoromethane	7.55	113	180766	117.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	235.82%	
50) Toluene-d8	10.06	98	728050	106.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.62%	
62) 4-Bromofluorobenzene	12.37	95	252746	101.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	217264	118.619	ug/l	99
3) Chloromethane	2.03	50	226107	106.032	ug/l	99
4) Vinyl Chloride	2.16	62	281083	98.366	ug/l	98
5) Bromomethane	2.51	94	188941	110.152	ug/l	97
6) Chloroethane	2.66	64	186535	100.516	ug/l	100
7) Trichlorofluoromethane	2.98	101	304120	83.621	ug/l	99
8) Diethyl Ether	3.37	74	114514	100.636	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	163078	98.591	ug/l	99
10) Methyl Iodide	3.91	142	210788	95.426	ug/l	99
11) Tert butyl alcohol	4.73	59	150333	541.166	ug/l	98
12) 1,1-Dichloroethene	3.69	96	172688	98.263	ug/l	95
13) Acrolein	3.56	56	91341	740.327	ug/l	98
14) Allyl chloride	4.27	41	227144	98.885	ug/l	99
15) Acrylonitrile	4.93	53	394846	519.100	ug/l	99
16) Acetone	3.77	43	303126	417.750	ug/l	99
17) Carbon Disulfide	4.00	76	496018	121.570	ug/l	100
18) Methyl Acetate	4.27	43	183362	98.831	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	568206	95.553	ug/l	100
20) Methylene Chloride	4.50	84	198870	79.004	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	191677	96.430	ug/l	98
22) Diisopropyl ether	5.90	45	523093	103.609	ug/l	100
23) Vinyl Acetate	5.84	43	2130907	530.345	ug/l	98
24) 1,1-Dichloroethane	5.80	63	327319	101.549	ug/l	98
25) 2-Butanone	6.78	43	485907	501.298	ug/l	97
26) 2,2-Dichloropropane	6.77	77	266607	91.260	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	221903	99.237	ug/l	100
28) Bromochloromethane	7.15	49	149690	106.296	ug/l	97
29) Tetrahydrofuran	7.17	42	327356	513.304	ug/l	98
30) Chloroform	7.33	83	347173	98.076	ug/l	100
31) Cyclohexane	7.61	56	279233	97.104	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	299850	93.828	ug/l	99
36) 1,1-Dichloropropene	7.75	75	262928	101.130	ug/l	99
37) Ethyl Acetate	6.88	43	213554	103.041	ug/l	99
38) Carbon Tetrachloride	7.73	117	256744	102.540	ug/l	98

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 VSTDIC100

Quant Time: Jun 17 00:55:26 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	301237	95.586	ug/l	98
40) Benzene	8.00	78	799002	99.859	ug/l	99
41) Methacrylonitrile	7.12	41	88289	93.012	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	270208	100.457	ug/l	99
43) Isopropyl Acetate	8.13	43	365955	98.436	ug/l	99
44) Trichloroethene	8.80	130	209890	88.047	ug/l	97
45) 1,2-Dichloropropane	9.09	63	196345	102.679	ug/l	100
46) Dibromomethane	9.17	93	137323	94.799	ug/l	99
47) Bromodichloromethane	9.37	83	285645	99.518	ug/l	99
48) Methyl methacrylate	9.17	41	166403	99.121	ug/l	98
49) 1,4-Dioxane	9.17	88	76871	2723.725	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1105481	525.562	ug/l	99
52) Toluene	10.12	92	526090	101.081	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	322477	104.385	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	343194	102.883	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	202950	98.084	ug/l	99
56) Ethyl methacrylate	10.40	69	299588	104.461	ug/l	98
57) 1,3-Dichloropropane	10.68	76	340166	102.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	575914	477.613	ug/l	99
59) 2-Hexanone	10.72	43	815307	539.666	ug/l	99
60) Dibromochloromethane	10.87	129	229633	98.690	ug/l	100
61) 1,2-Dibromoethane	10.98	107	211795	98.562	ug/l	100
64) Tetrachloroethene	10.60	164	173110	69.710	ug/l	99
65) Chlorobenzene	11.41	112	568852	98.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	205578	95.960	ug/l	100
67) Ethyl Benzene	11.48	91	1011991	100.951	ug/l	100
68) m/p-Xylenes	11.59	106	789933	199.436	ug/l	100
69) o-Xylene	11.92	106	379255	100.687	ug/l	100
70) Styrene	11.94	104	657047	105.222	ug/l	100
71) Bromoform	12.10	173	157338	96.372	ug/l #	99
73) Isopropylbenzene	12.22	105	992229	95.677	ug/l	100
74) N-amyl acetate	12.04	43	357507	109.352	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	297601	100.846	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	382578	147.302	ug/l #	100
77) Bromobenzene	12.50	156	241206	91.979	ug/l	99
78) n-propylbenzene	12.57	91	1141686	98.402	ug/l	100
79) 2-Chlorotoluene	12.65	91	666185	96.330	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	835781	96.566	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	104711	103.795	ug/l	100
82) 4-Chlorotoluene	12.75	91	703111	96.787	ug/l	99
83) tert-Butylbenzene	12.97	119	686010	90.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	849102	98.755	ug/l	100
85) sec-Butylbenzene	13.15	105	924333	94.218	ug/l	100
86) p-Isopropyltoluene	13.26	119	859447	95.396	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	447031	95.582	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	449771	94.511	ug/l	99
89) n-Butylbenzene	13.59	91	724488	96.292	ug/l	100
90) Hexachloroethane	13.85	117	153026	139.825	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	433278	96.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54522	92.911	ug/l	98

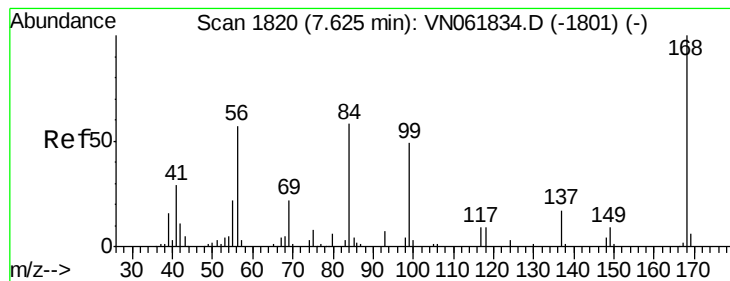
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 00:50:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	228103	90.080	ug/l	99
94) Hexachlorobutadiene	14.98	225	80715	74.953	ug/l	98
95) Naphthalene	15.10	128	704308	92.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	224645	90.209	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

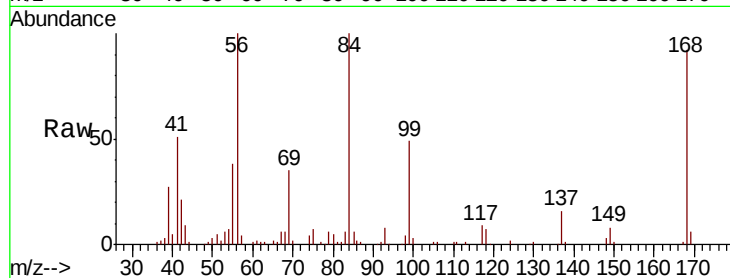
VSTDIC100

Tot Ion:168 Resp: 169813

Ion Ratio Lower Upper

168 100

99 53.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

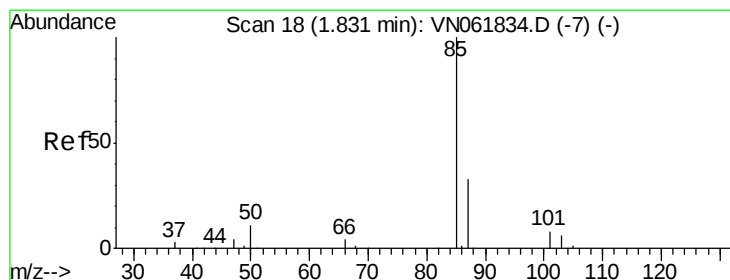
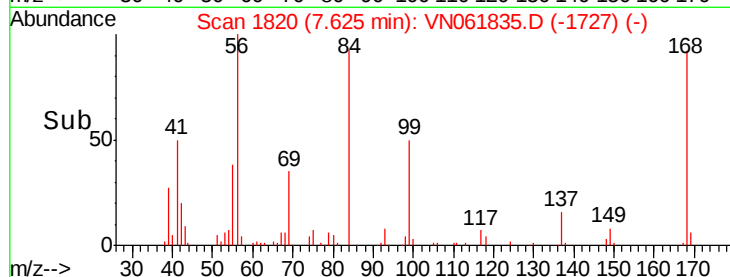
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 118.619 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN061835.D

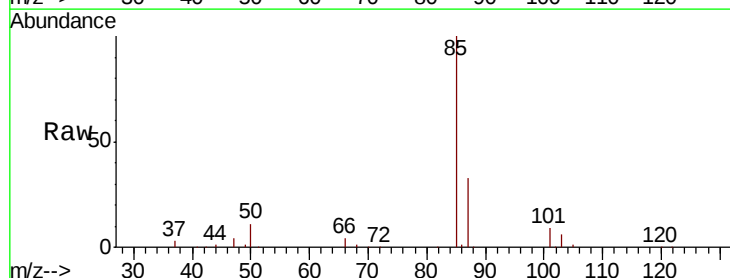
Acq: 16 Jun 2020 19:01

Tgt Ion: 85 Resp: 217264

Ion Ratio Lower Upper

85 100

87 32.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

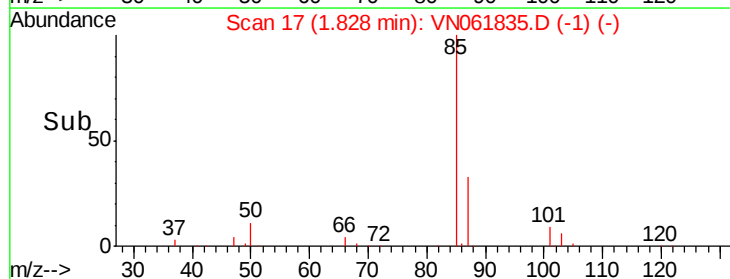
150000

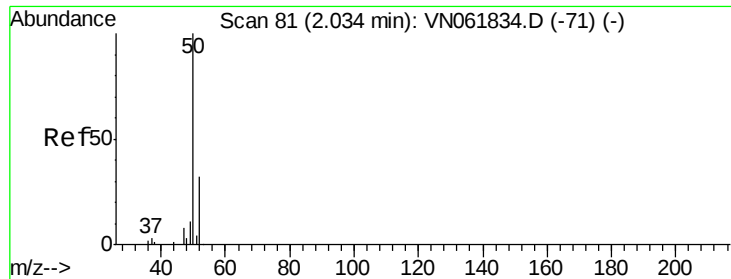
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 106.032 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

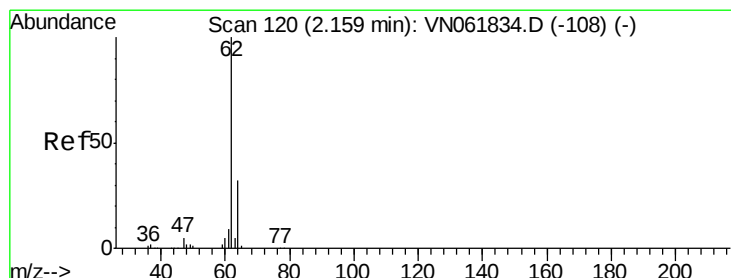
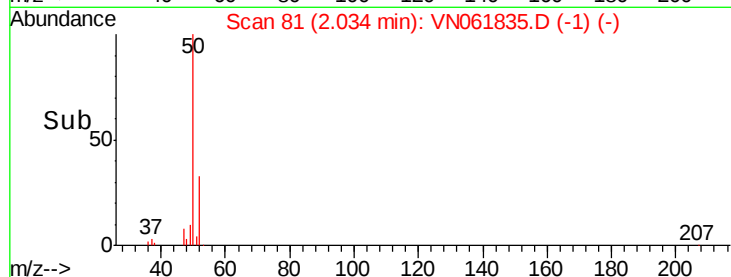
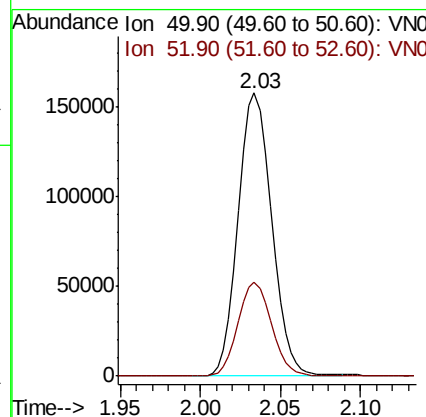
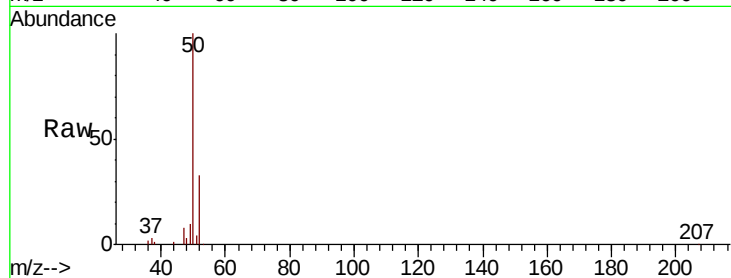
VSTDIC100

Tot Ion: 50 Resp: 226107

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 98.366 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061835.D

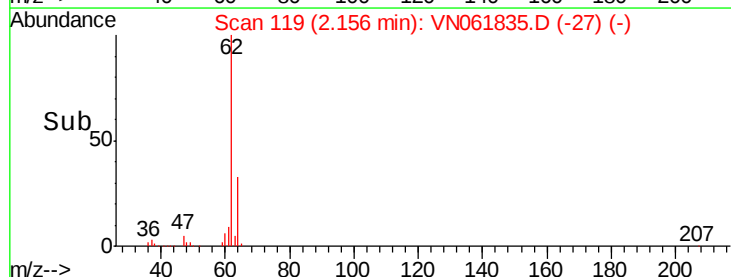
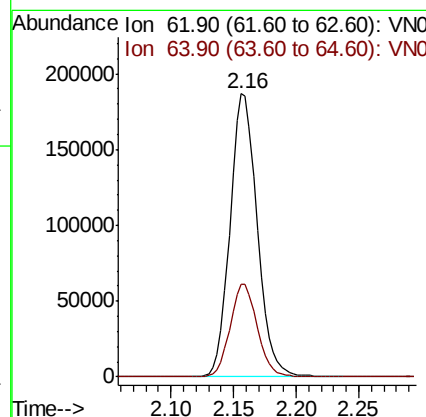
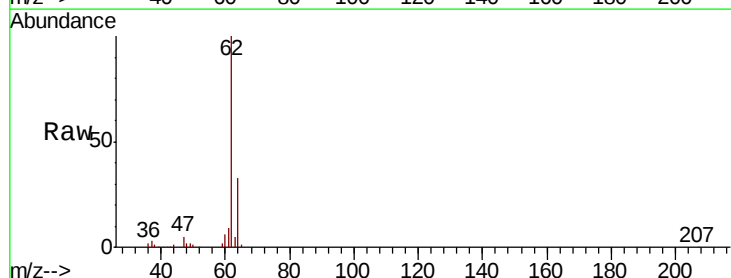
Acq: 16 Jun 2020 19:01

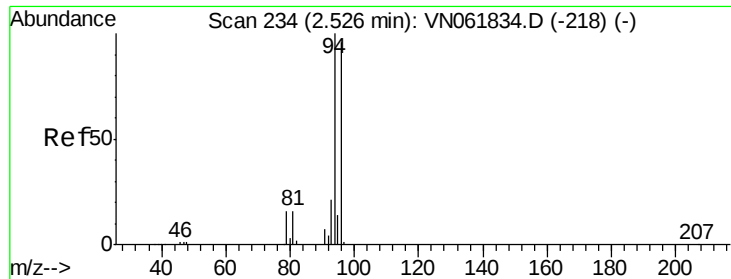
Tgt Ion: 62 Resp: 281083

Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3





#5

Bromomethane

Concen: 110.152 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.02 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampled :

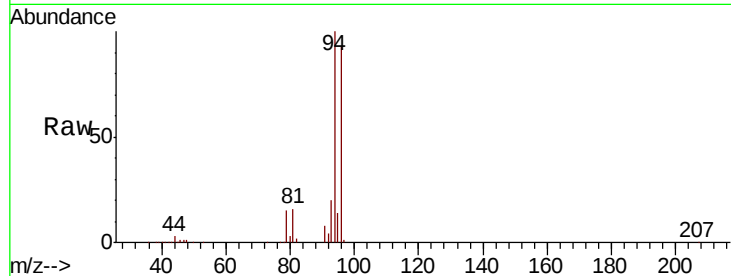
VSTDIC100

Tot Ion: 94 Resp: 188941

Ion Ratio Lower Upper

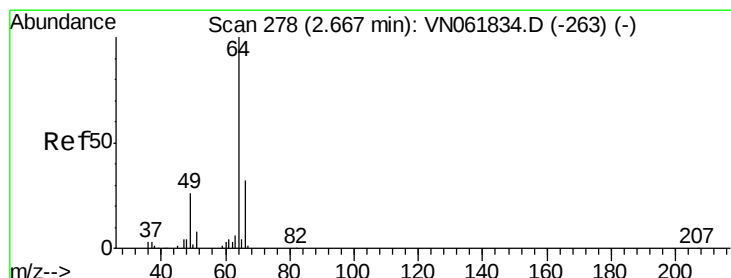
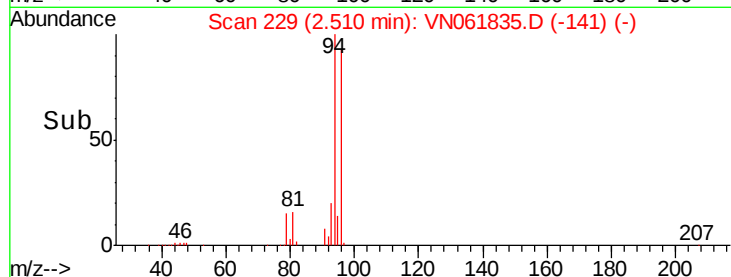
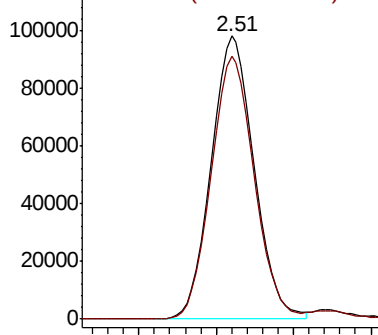
94 100

96 92.7 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 100.516 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN061835.D

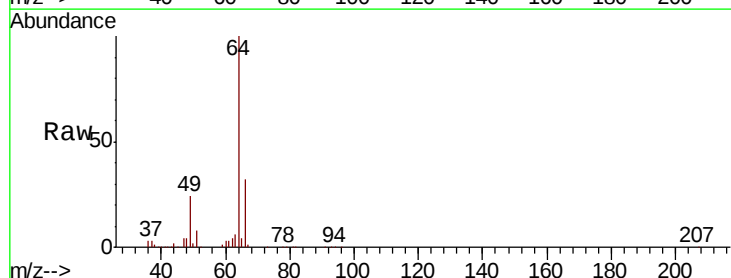
Acq: 16 Jun 2020 19:01

Tgt Ion: 64 Resp: 186535

Ion Ratio Lower Upper

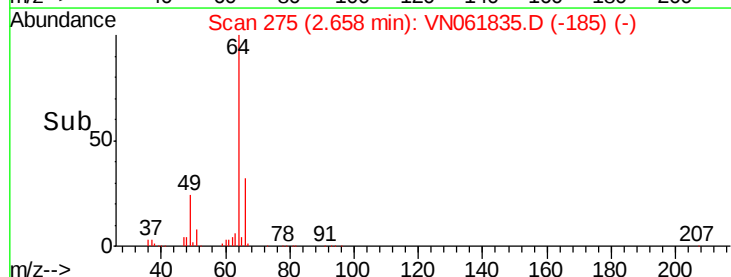
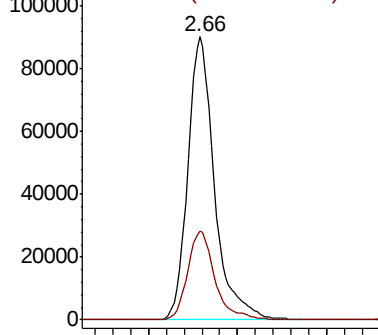
64 100

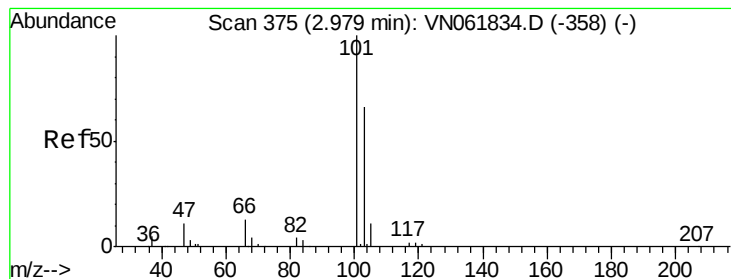
66 31.6 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



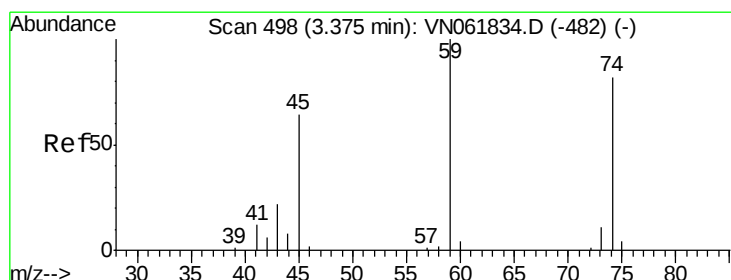
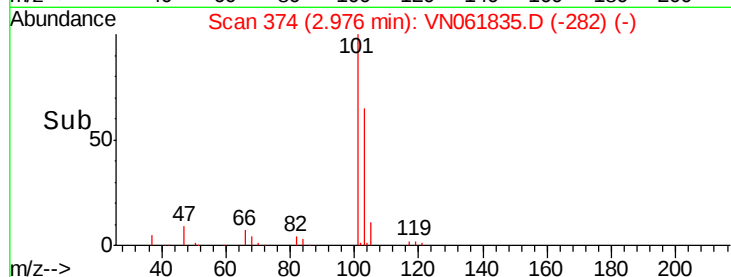
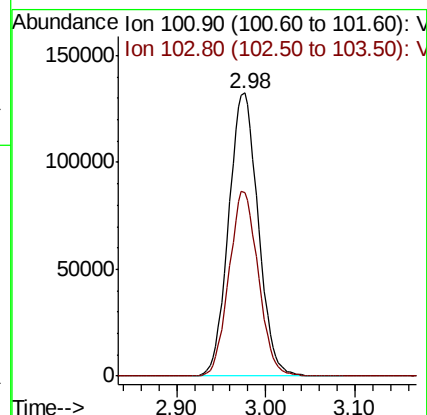
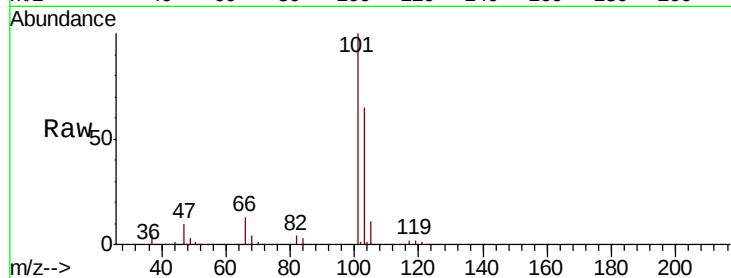


#7

Trichlorofluoromethane
Concen: 83.621 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

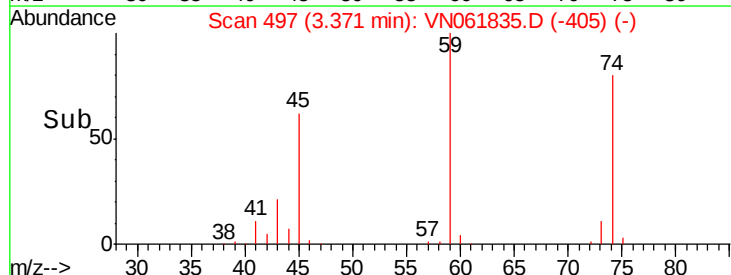
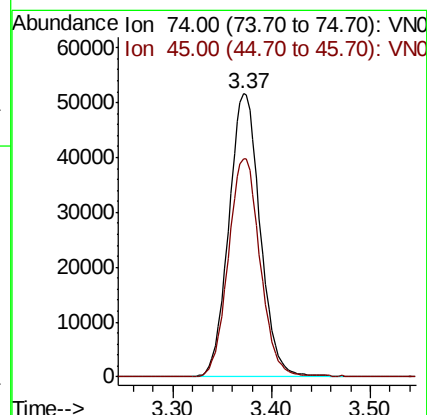
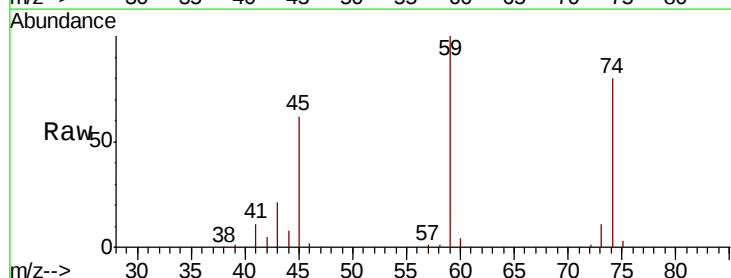
Tot Ion:101 Resp: 304120
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2

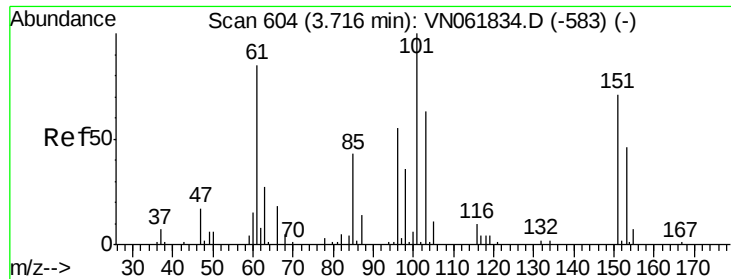


#8

Diethyl Ether
Concen: 100.636 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 74 Resp: 114514
Ion Ratio Lower Upper
74 100
45 78.2 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.591 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

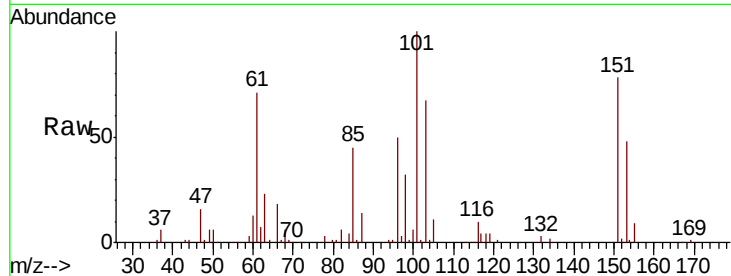
Tot Ion:101 Resp: 163078

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.6

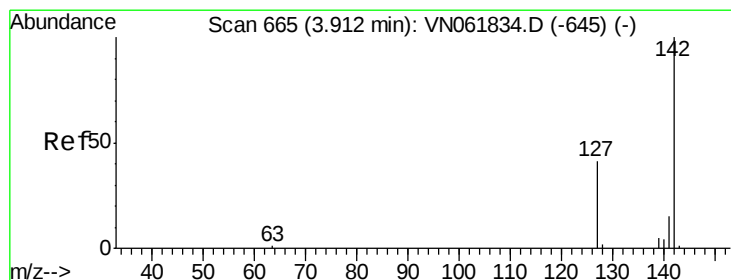
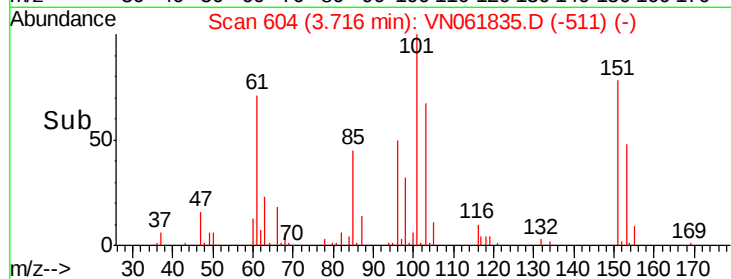
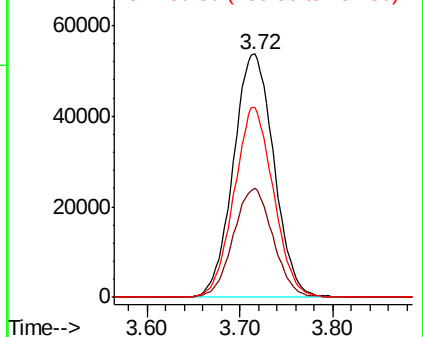
151 75.7 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 95.426 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

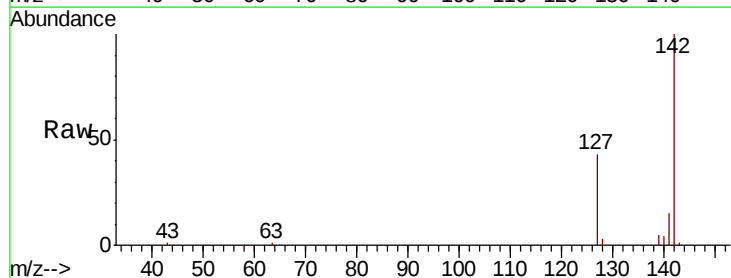
Tgt Ion:142 Resp: 210788

Ion Ratio Lower Upper

142 100

127 42.4 33.4 50.0

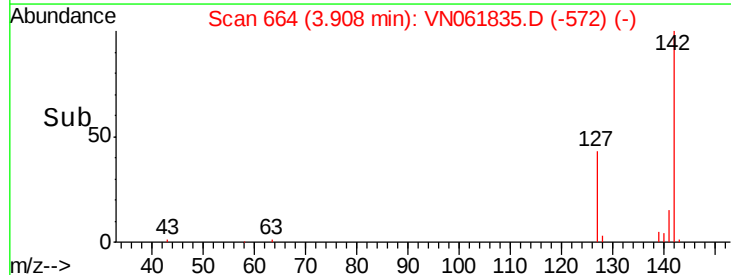
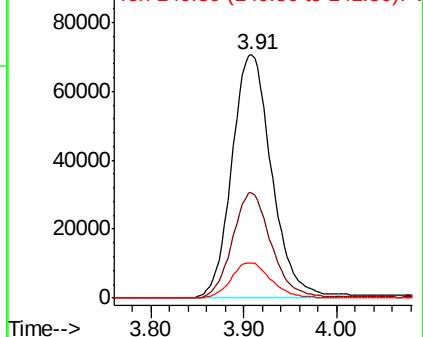
141 14.6 11.3 16.9

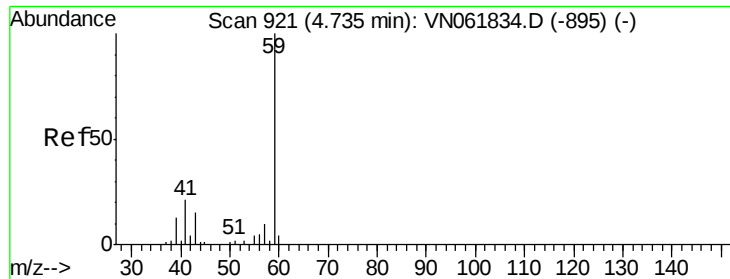


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

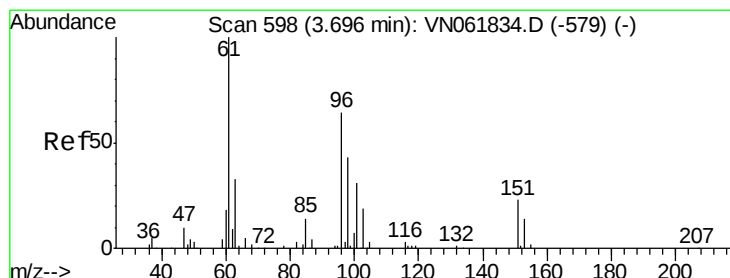
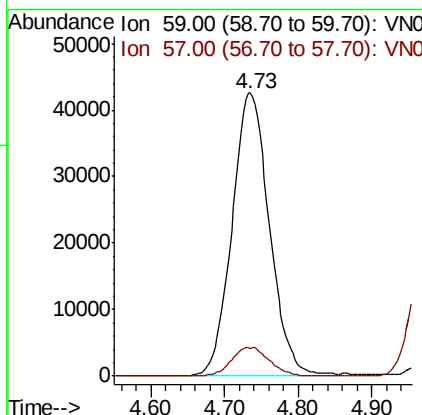
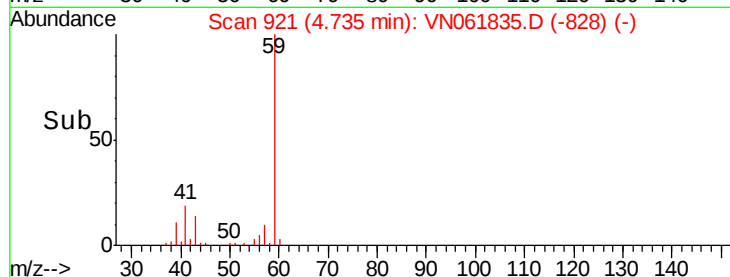
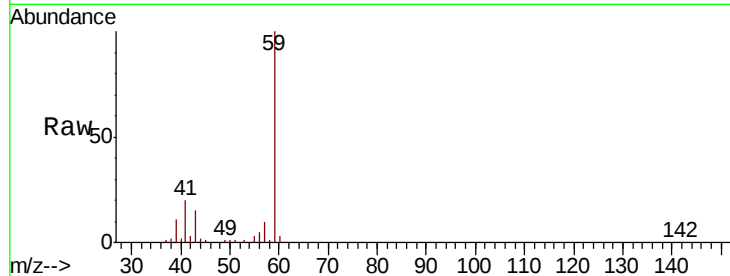




#11
Tert butyl alcohol
Concen: 541.166 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

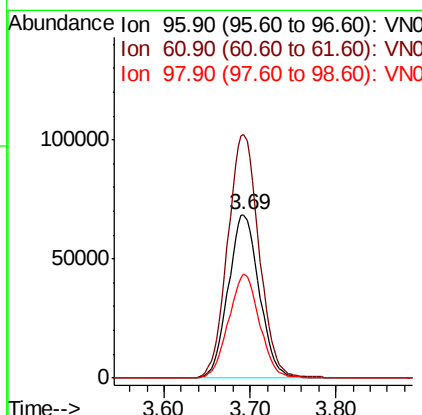
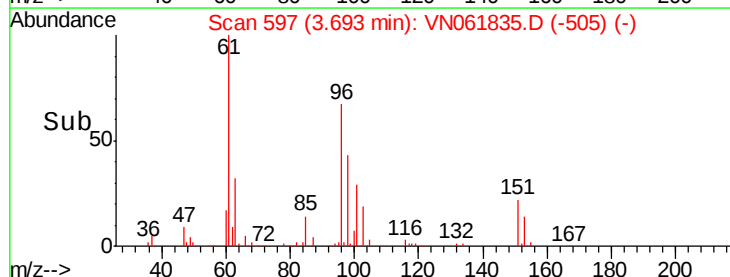
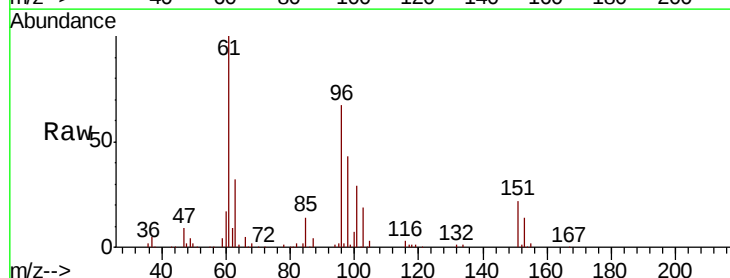
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

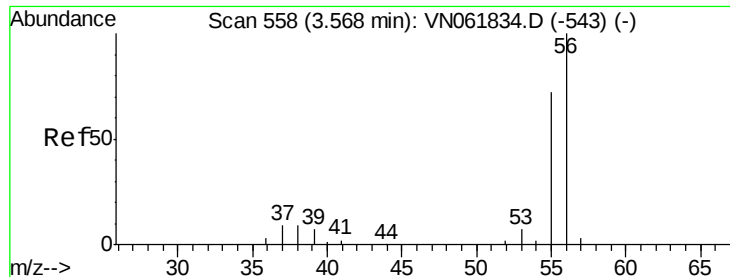
Tot Ion: 59 Resp: 150333
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 98.263 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 96 Resp: 172688
Ion Ratio Lower Upper
96 100
61 148.8 124.3 186.5
98 63.5 53.1 79.7





#13

Acrolein

Concen: 740.327 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

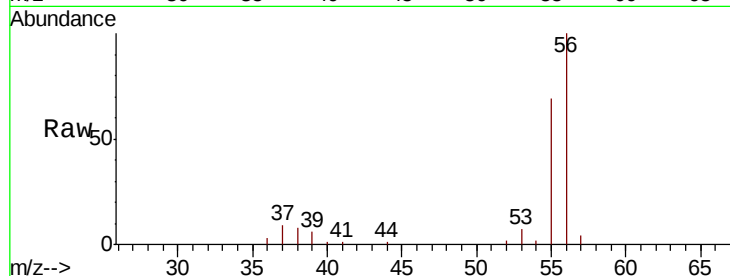
VSTDIC100

Tot Ion: 56 Resp: 91341

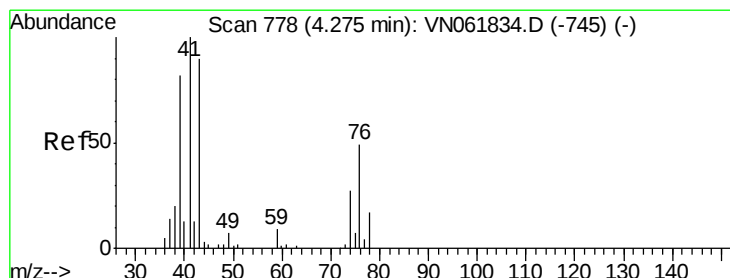
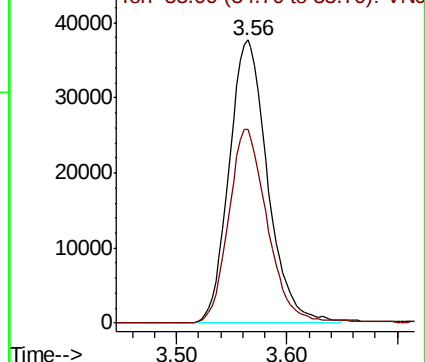
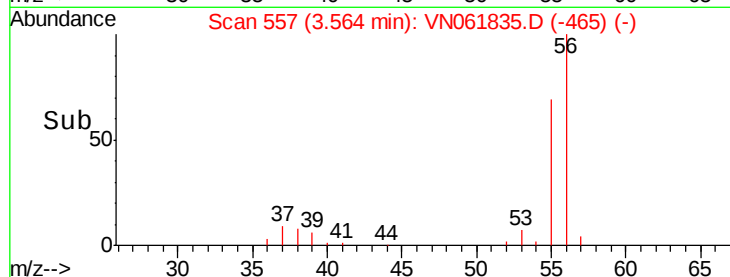
Ion Ratio Lower Upper

56 100

55 68.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061835.D (-465) (-)



#14

Allyl chloride

Concen: 98.885 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

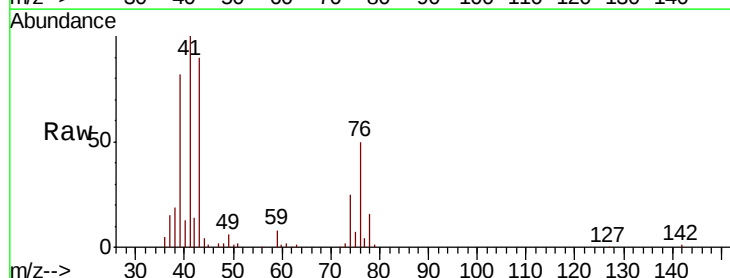
Tgt Ion: 41 Resp: 227144

Ion Ratio Lower Upper

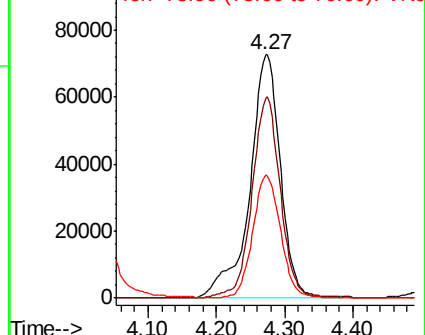
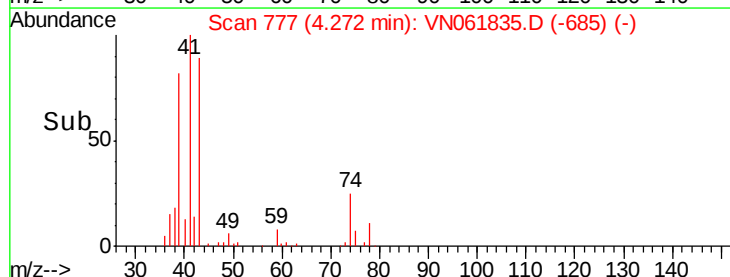
41 100

39 76.0 60.2 90.2

76 44.7 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061835.D (-685) (-)





#15

Acrylonitrile

Concen: 519.100 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

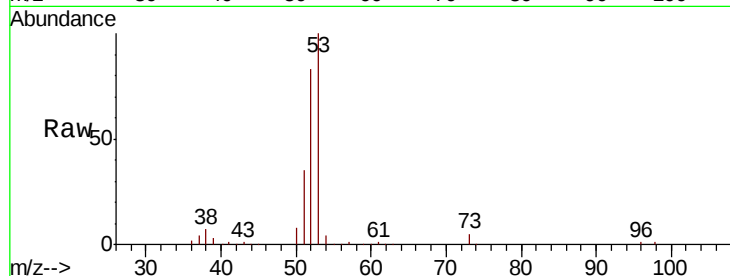
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 394846

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.2	97.8
51	36.0	29.3	43.9

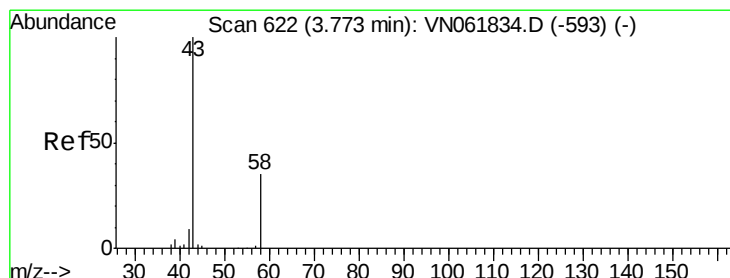
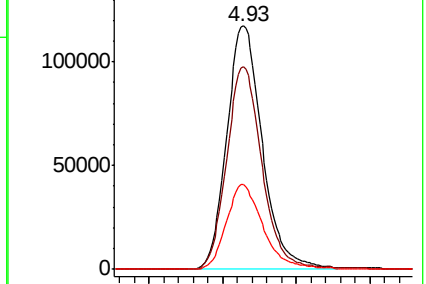
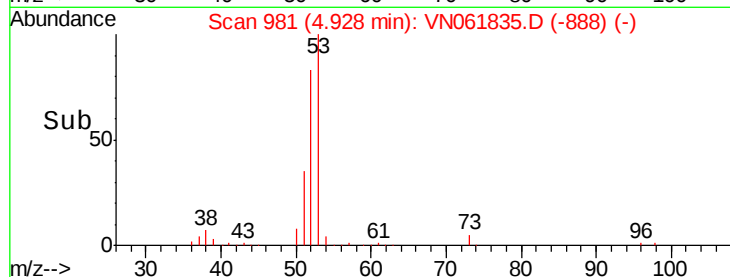


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 417.750 ug/l

RT: 3.77 min Scan# 622

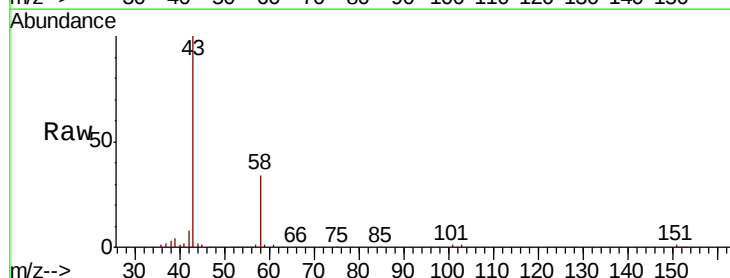
Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Tgt Ion: 43 Resp: 303126

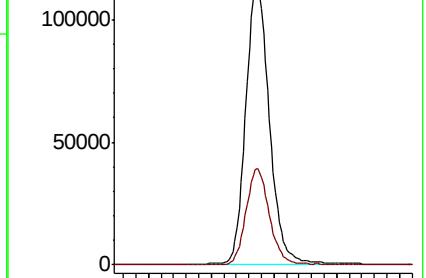
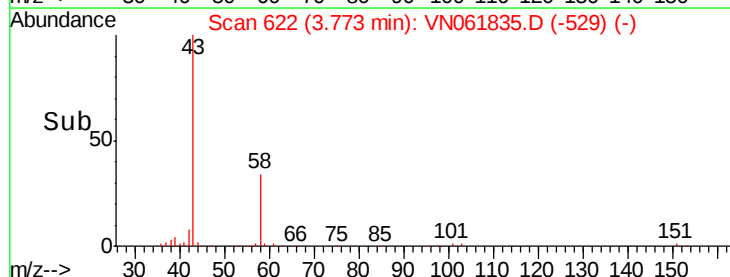
Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.8	41.8

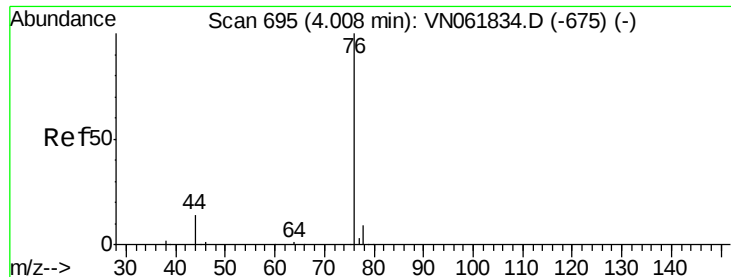


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

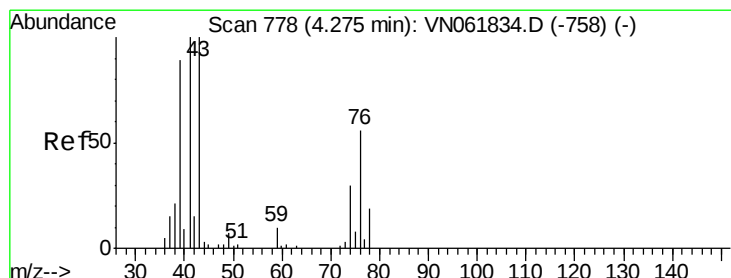
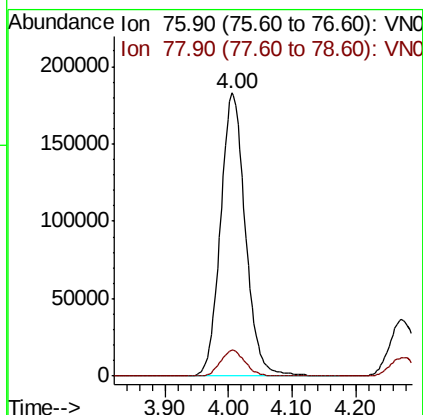
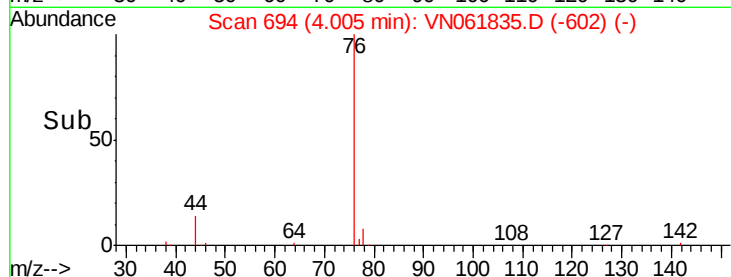
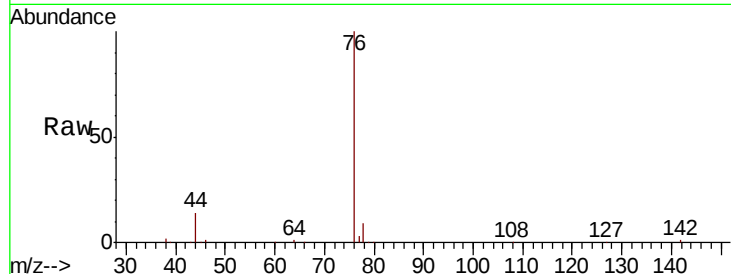




#17
Carbon Disulfide
Concen: 121.570 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

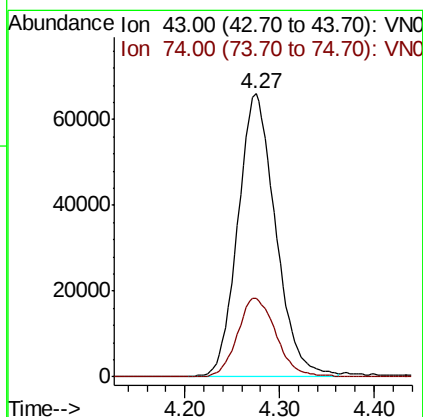
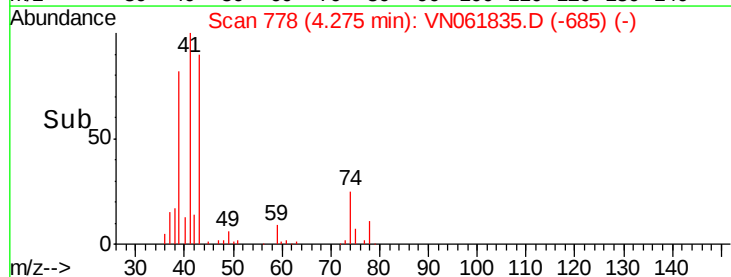
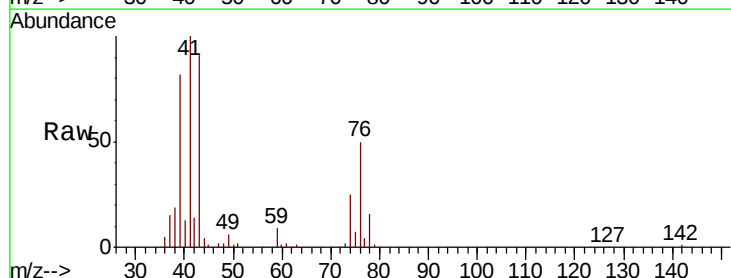
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

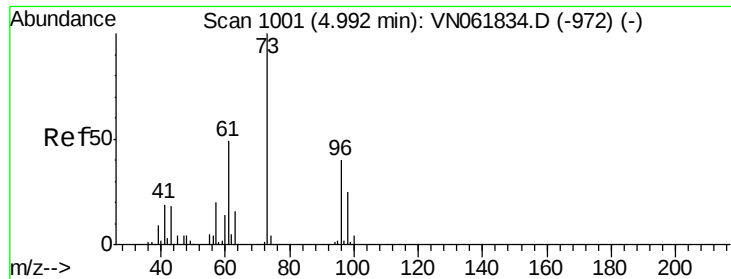
Tot Ion: 76 Resp: 496018
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 98.831 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 43 Resp: 183362
Ion Ratio Lower Upper
43 100
74 28.6 23.0 34.4

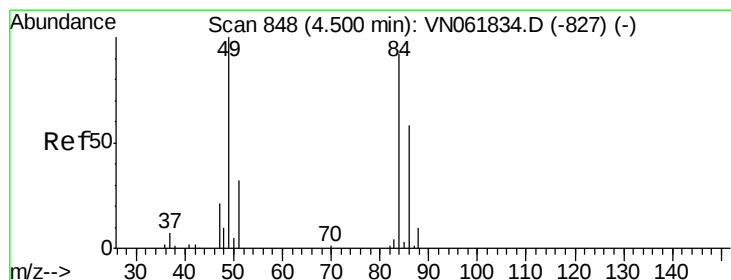
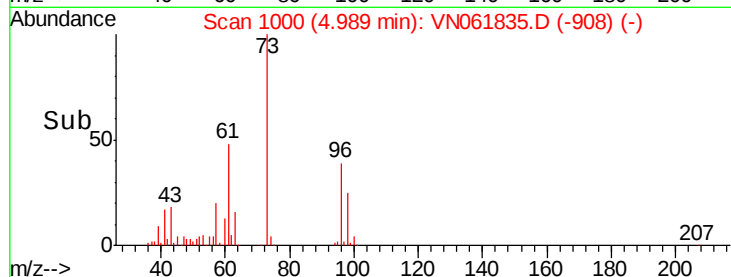
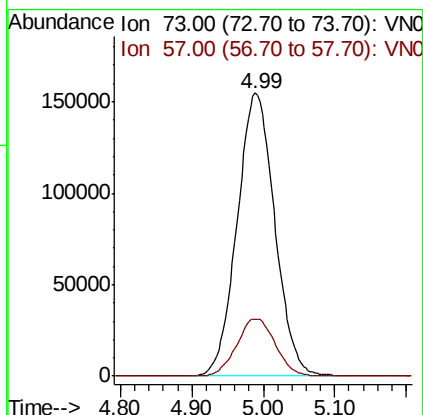
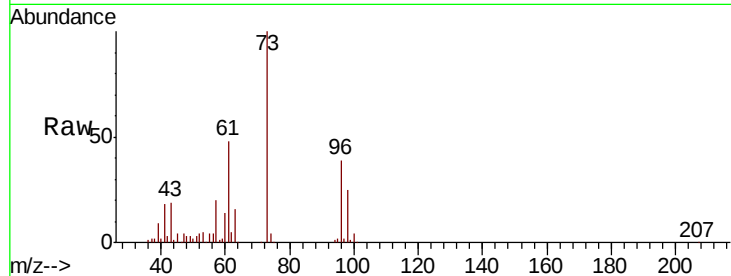




#19
Methvl tert-butvl Ether
Concen: 95.553 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

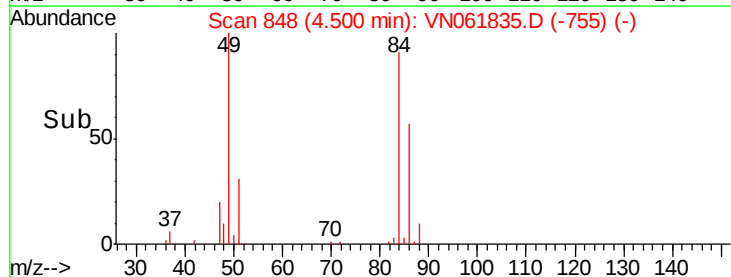
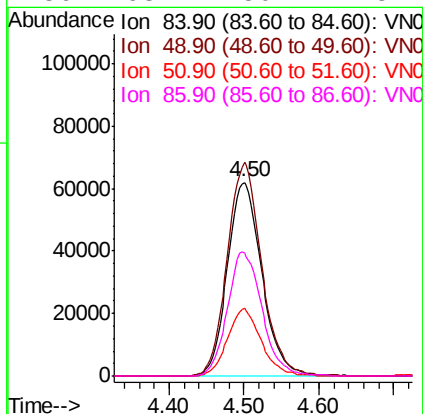
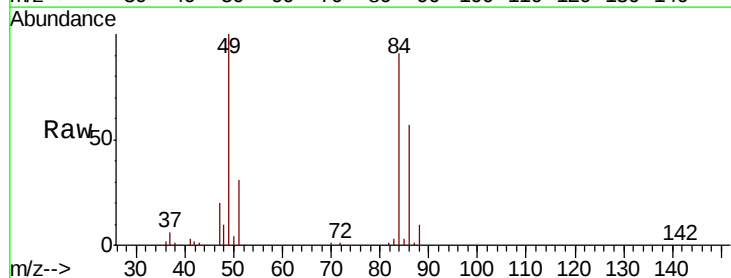
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

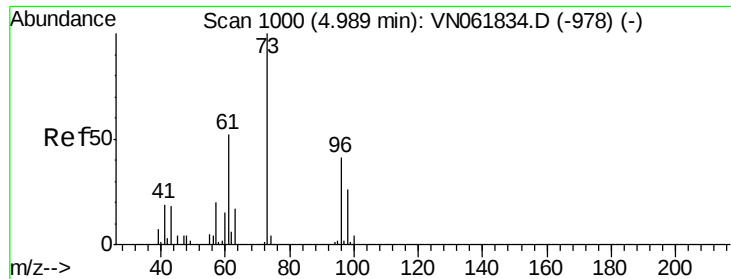
Tot Ion: 73 Resp: 568206
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4



#20
Methylene Chloride
Concen: 79.004 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 84 Resp: 198870
Ion Ratio Lower Upper
84 100
49 110.3 87.0 130.4
51 34.7 27.8 41.6
86 63.2 50.2 75.2

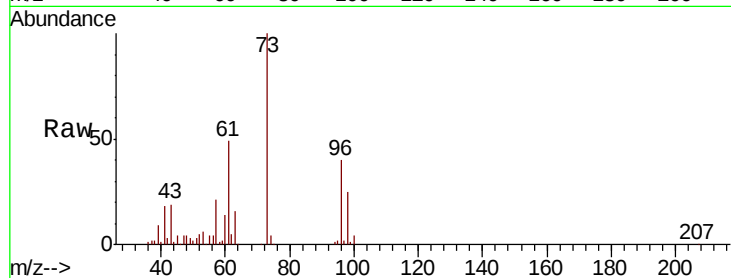




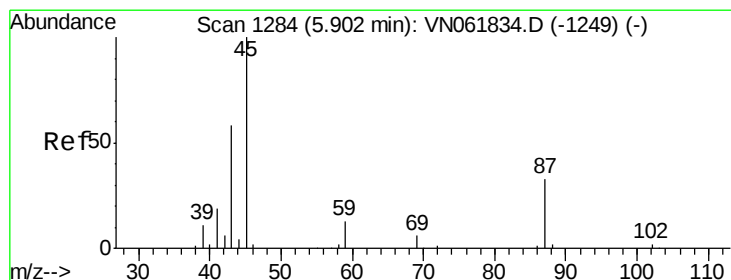
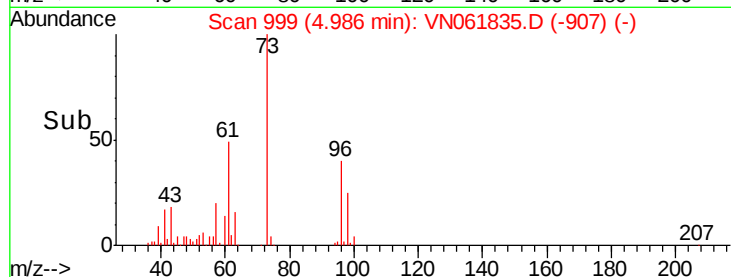
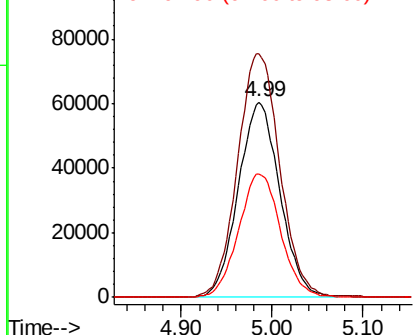
#21
trans-1,2-Dichloroethene
Concen: 96.430 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 96 Resp: 191677
Ion Ratio Lower Upper
96 100
61 124.8 102.2 153.4
98 63.4 51.2 76.8

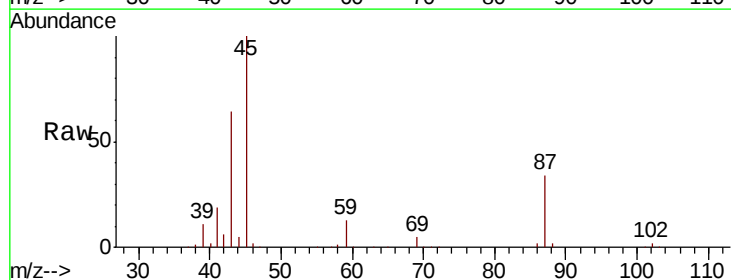


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

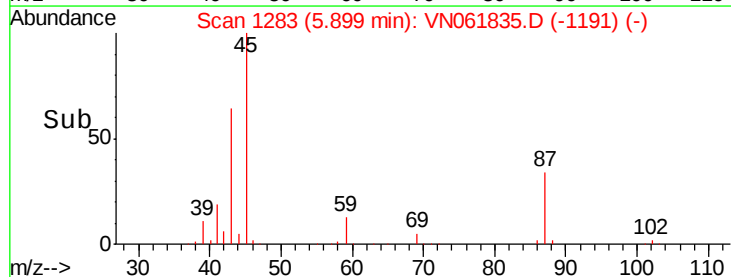
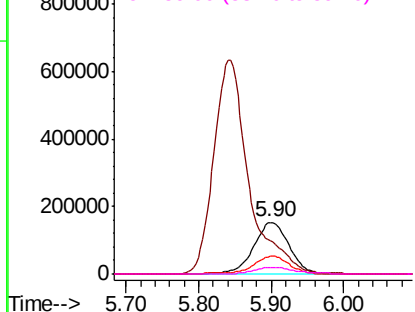


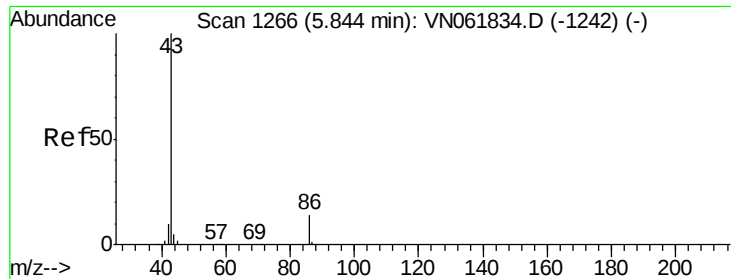
#22
Diisopropyl ether
Concen: 103.609 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 45 Resp: 523093
Ion Ratio Lower Upper
45 100
43 62.2 49.4 74.2
87 34.3 27.4 41.0
59 12.7 10.6 15.8



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





#23

Vinyl Acetate

Concen: 530.345 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

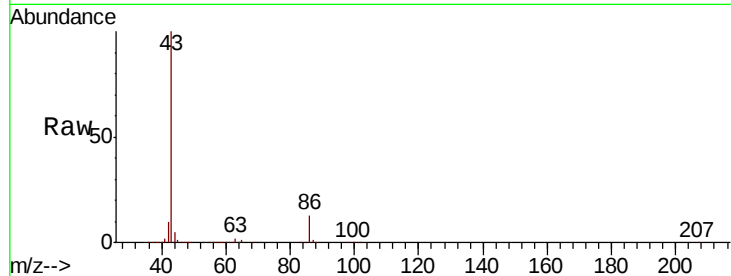
VSTDIC100

Tot Ion: 43 Resp: 2130907

Ion Ratio Lower Upper

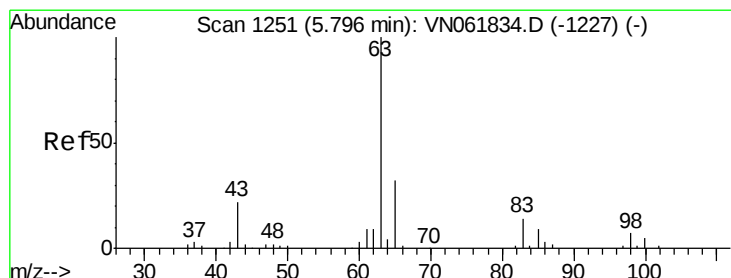
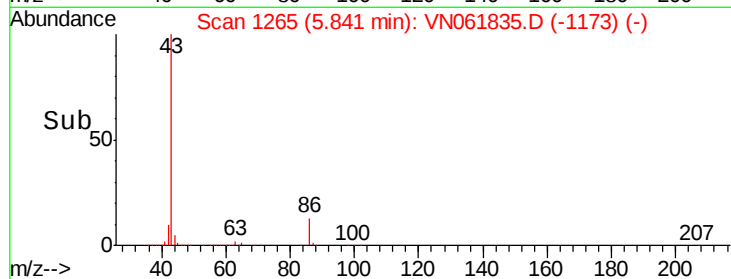
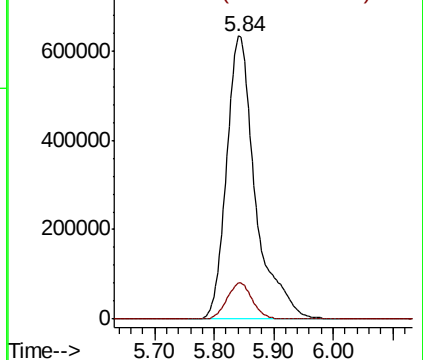
43 100

86 12.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 101.549 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

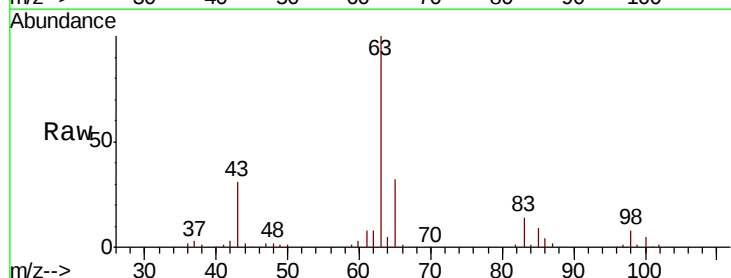
Tgt Ion: 63 Resp: 327319

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

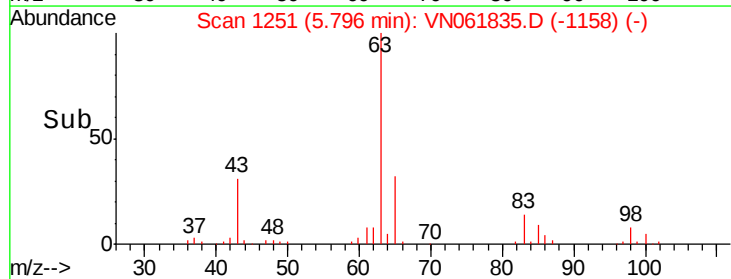
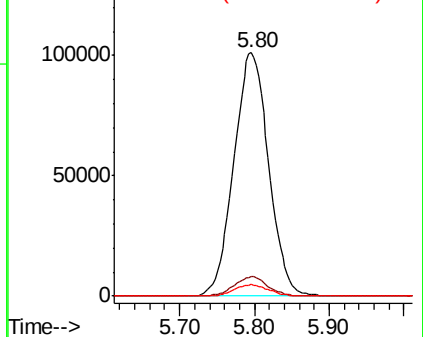
100 4.7 2.5 7.4

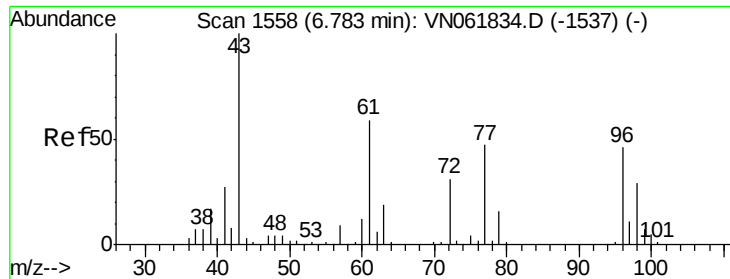


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 501.298 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

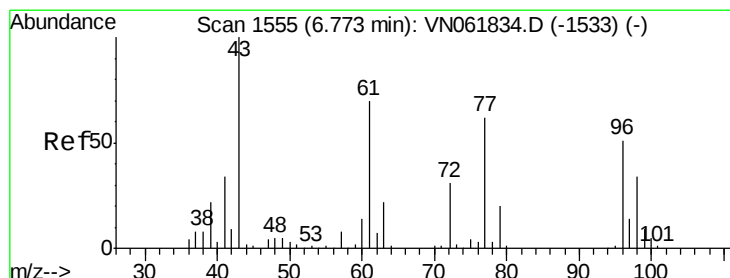
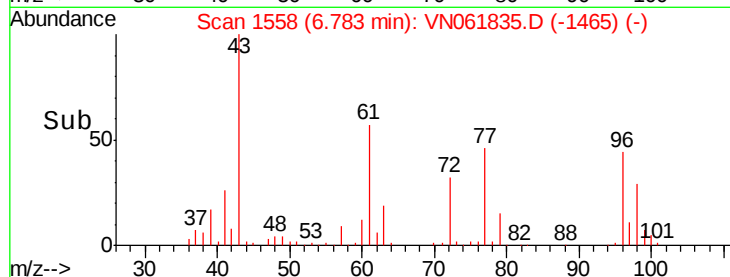
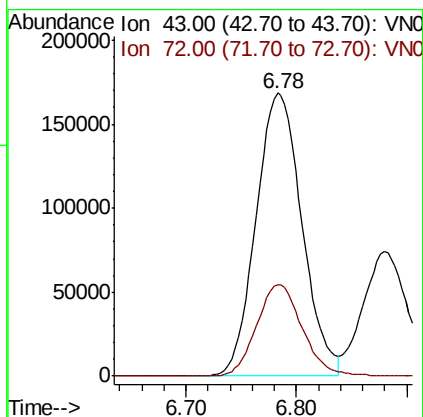
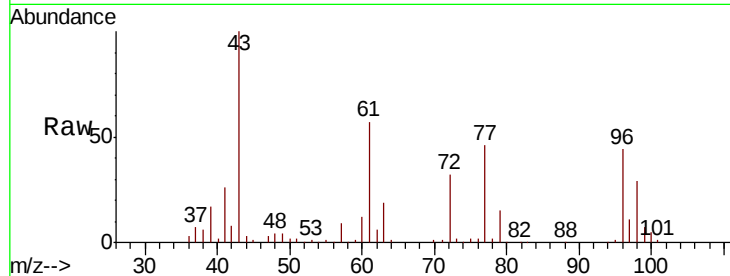
VSTDIC100

Tot Ion: 43 Resp: 485907

Ion Ratio Lower Upper

43 100

72 32.3 24.6 37.0



#26

2,2-Dichloropropane

Concen: 91.260 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VN061835.D

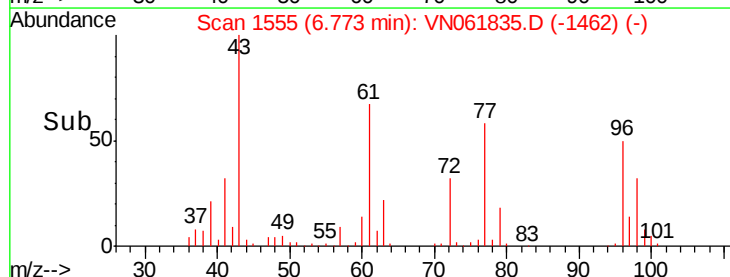
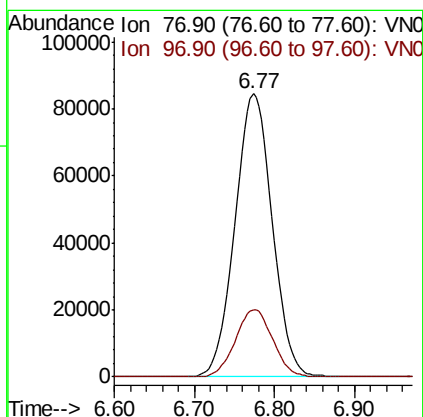
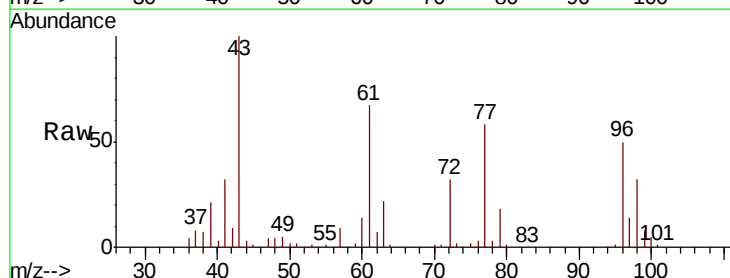
Acq: 16 Jun 2020 19:01

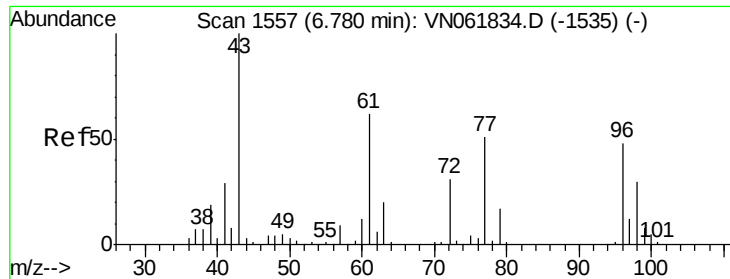
Tgt Ion: 77 Resp: 266607

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 99.237 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

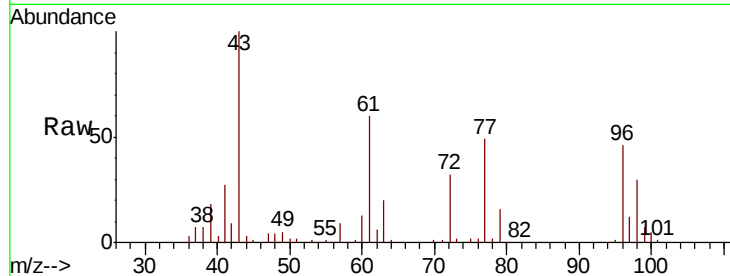
Tot Ion: 96 Resp: 221903

Ion Ratio Lower Upper

96 100

61 132.7 0.0 265.6

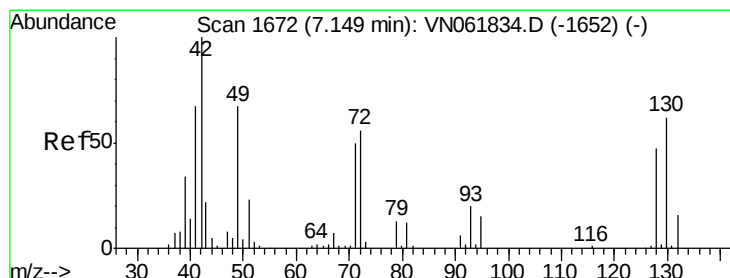
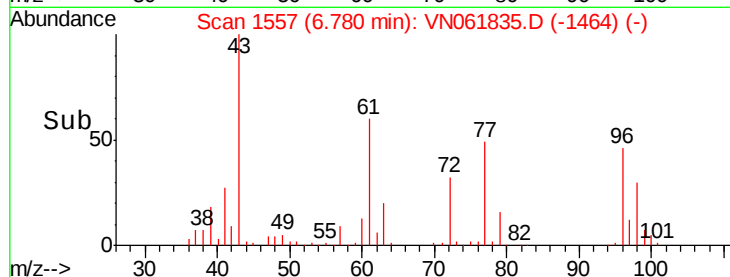
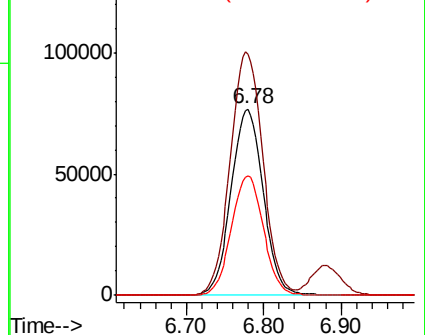
98 64.2 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061835.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061835.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061835.D (-1535) (-)



#28

Bromochloromethane

Concen: 106.296 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

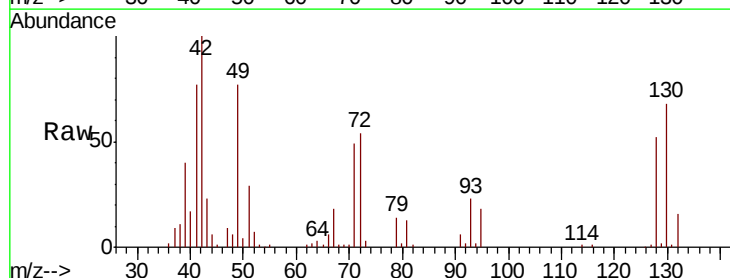
Tgt Ion: 49 Resp: 149690

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

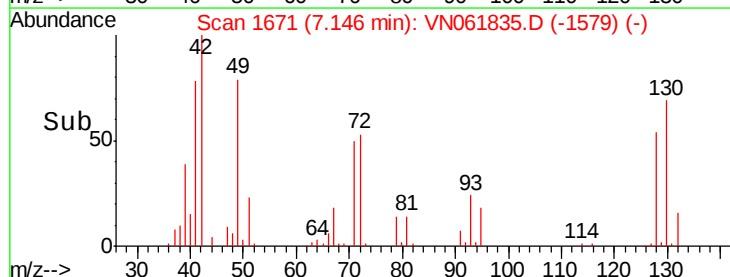
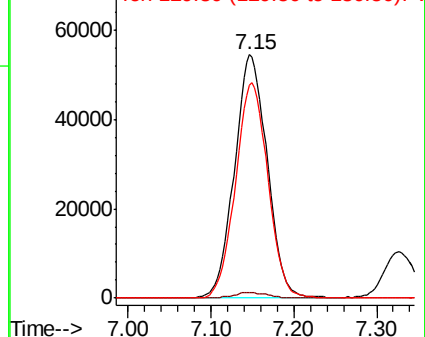
130 87.6 72.2 108.2

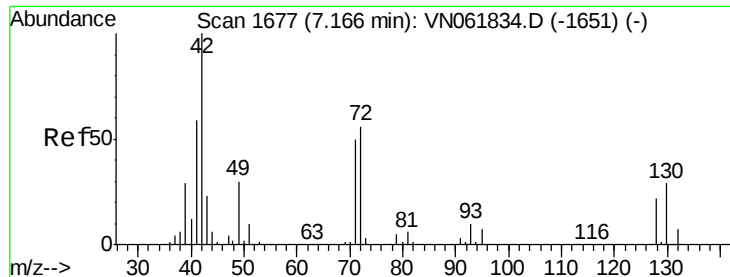


Abundance Ion 48.90 (48.60 to 49.60): VN061835.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061835.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061835.D (-1579) (-)

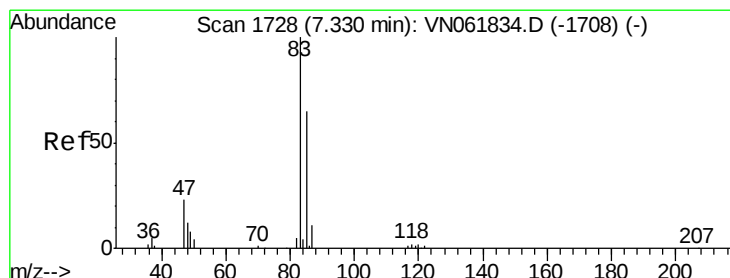
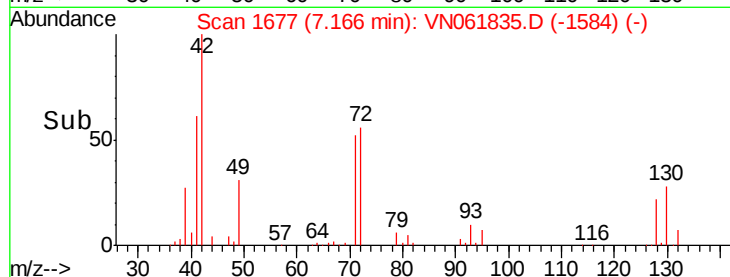
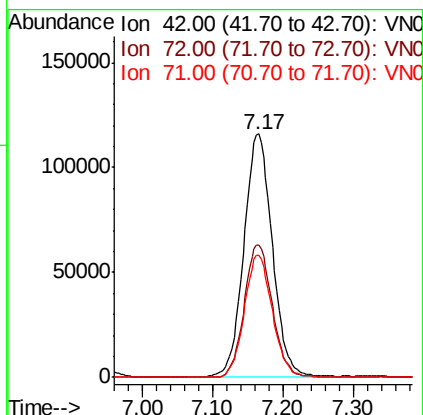
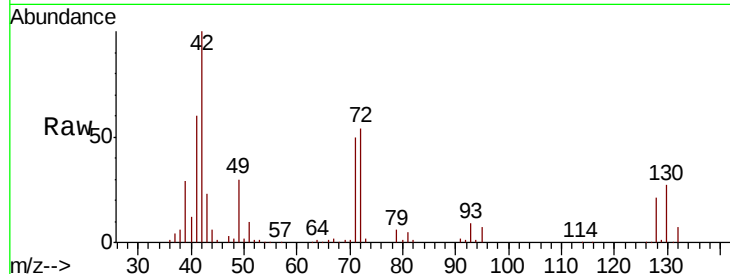




#29
Tetrahydrofuran
Concen: 513.304 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

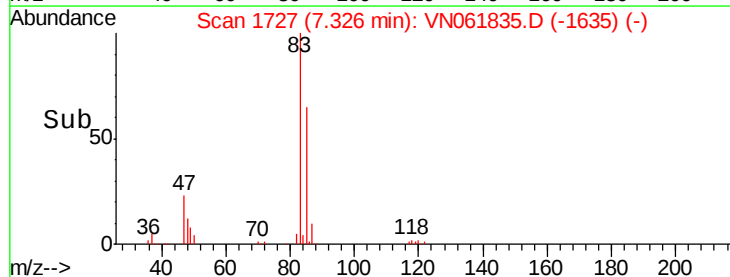
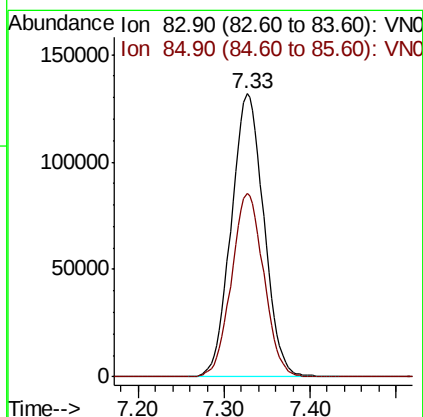
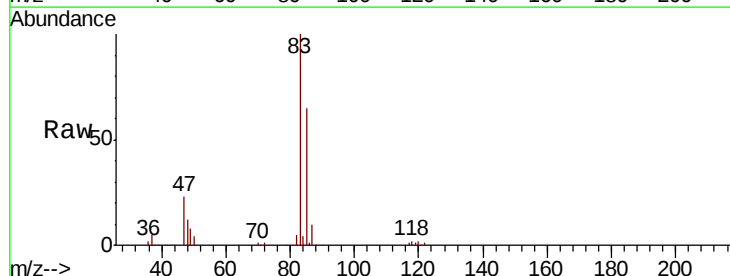
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

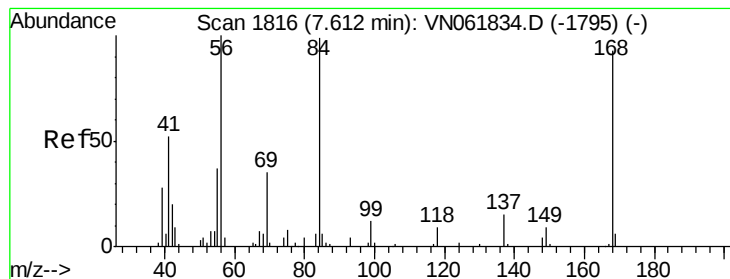
Tot Ion	Ratio	Lower	Upper
42	100		
72	53.4	44.0	66.0
71	49.3	40.0	60.0



#30
Chloroform
Concen: 98.076 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.0	78.0





#31

Cyclohexane

Concen: 97.104 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

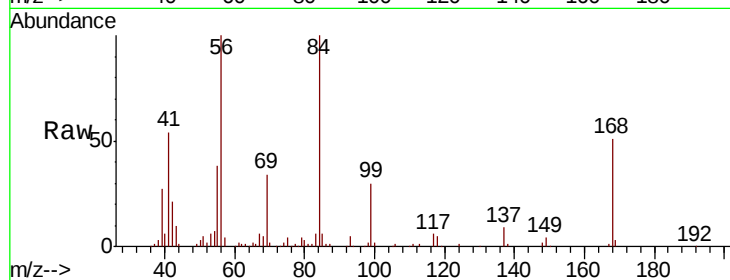
Tot Ion: 56 Resp: 279233

Ion Ratio Lower Upper

56 100

69 34.2 27.7 41.5

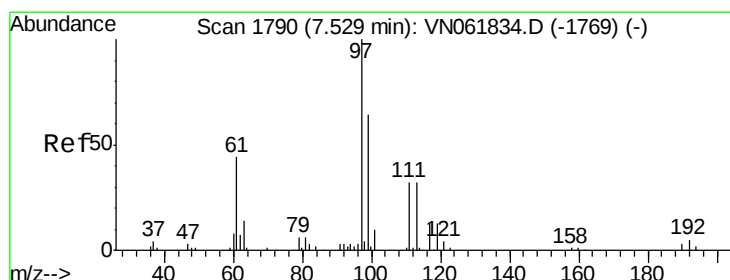
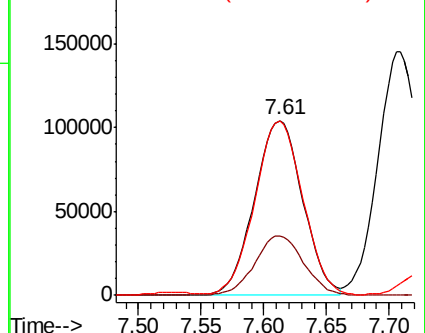
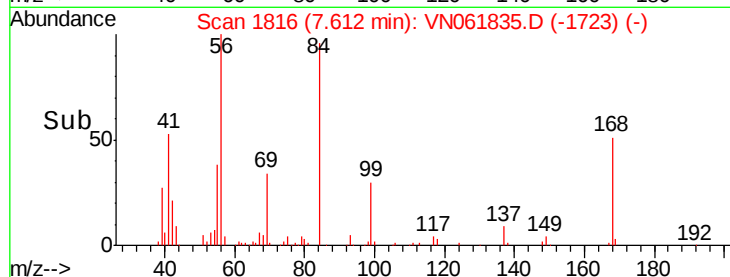
84 98.3 79.1 118.7



Abundance Ion 56.00 (55.70 to 56.70): VN061835.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061835.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061835.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 93.828 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

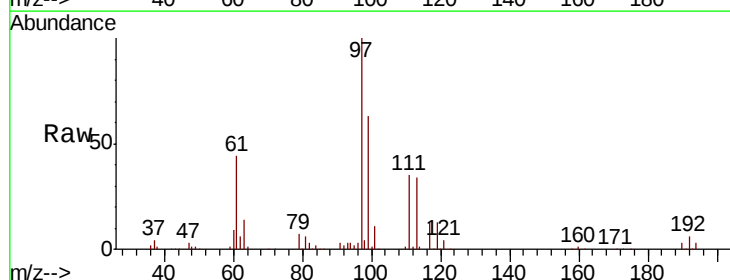
Tgt Ion: 97 Resp: 299850

Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

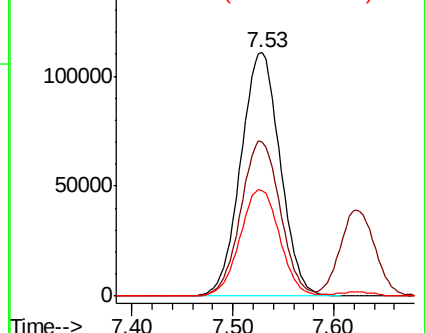
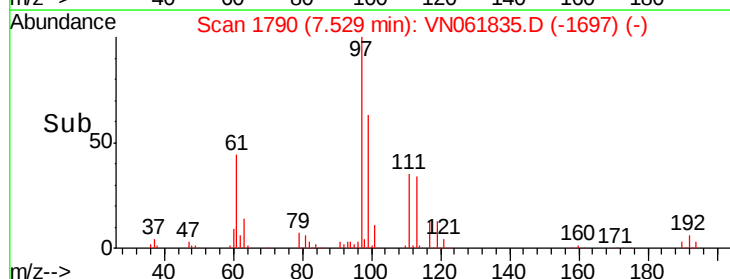
61 44.1 35.1 52.7

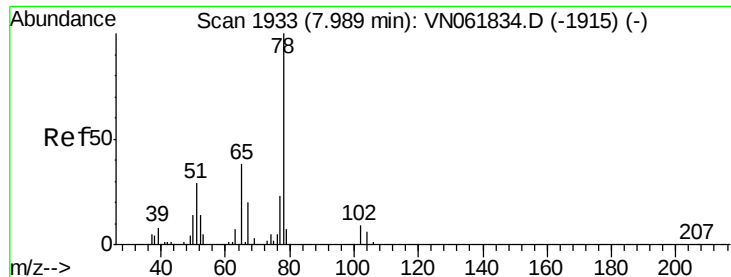


Abundance Ion 96.90 (96.60 to 97.60): VN061835.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061835.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061835.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 106.257 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

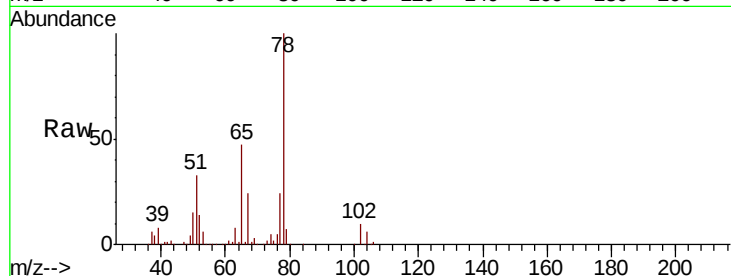
VSTDIC100

Tot Ion: 65 Resp: 217890

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

100000

80000

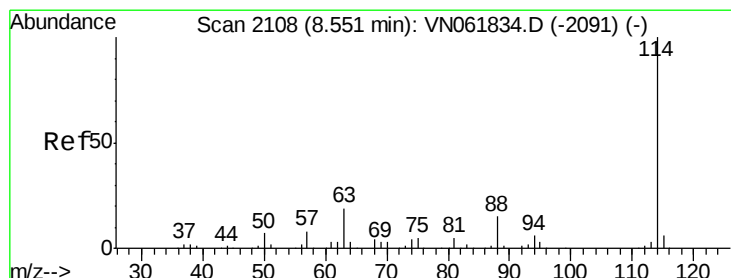
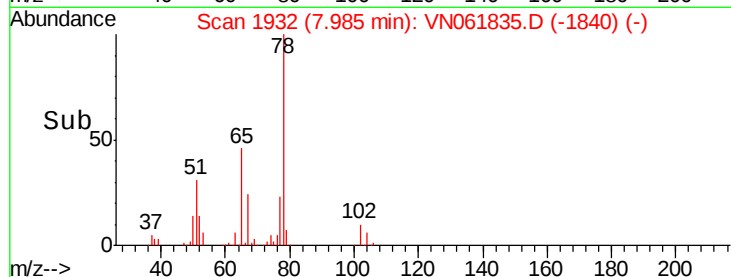
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

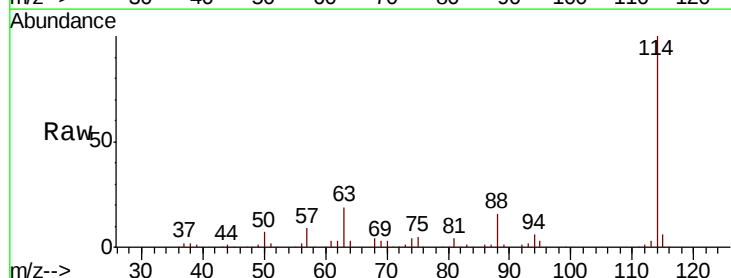
Tgt Ion: 114 Resp: 290405

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

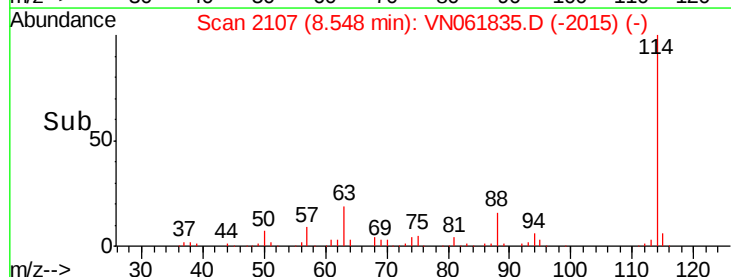
150000

100000

50000

0

Time-->

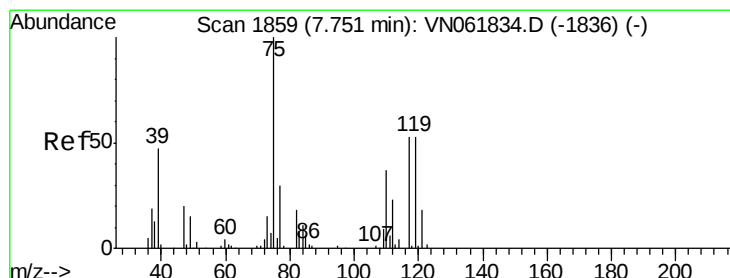
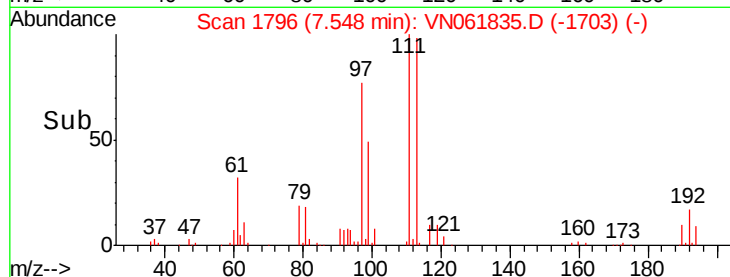
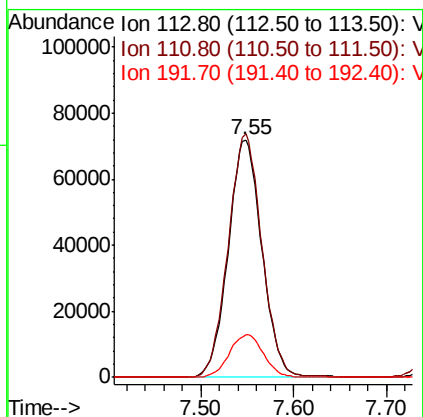
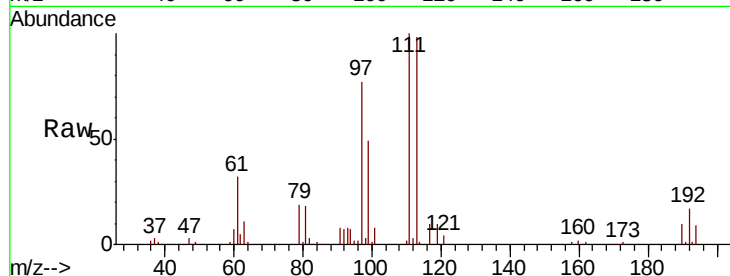




#35
 Dibromofluoromethane
 Concen: 117.913 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

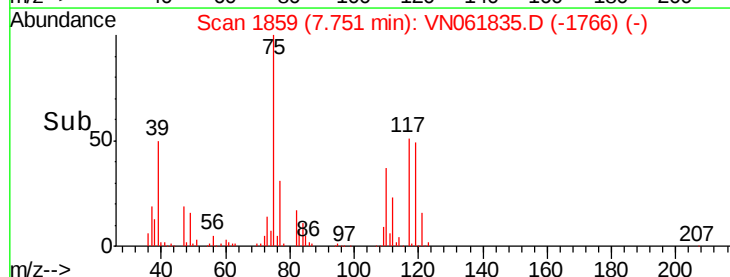
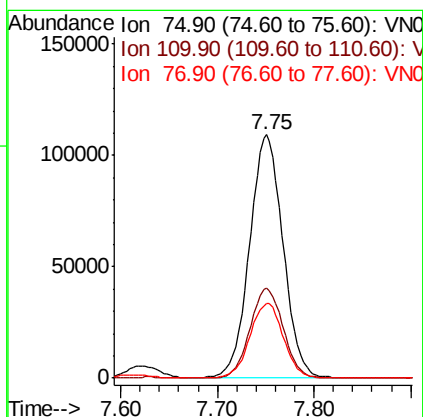
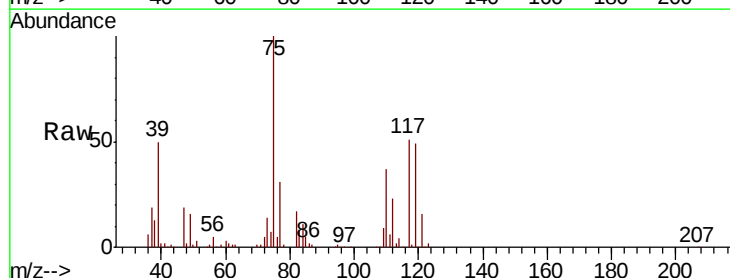
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

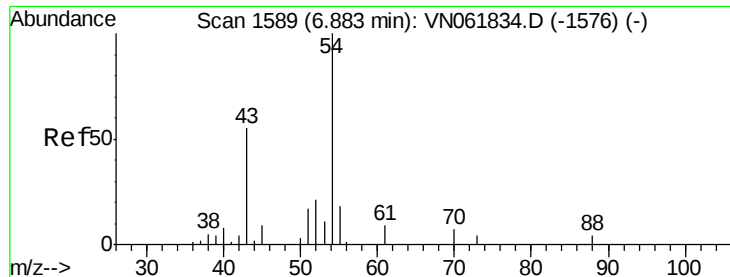
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.7	125.5
192	18.2	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 101.130 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.2	54.6
77	31.0	24.2	36.4

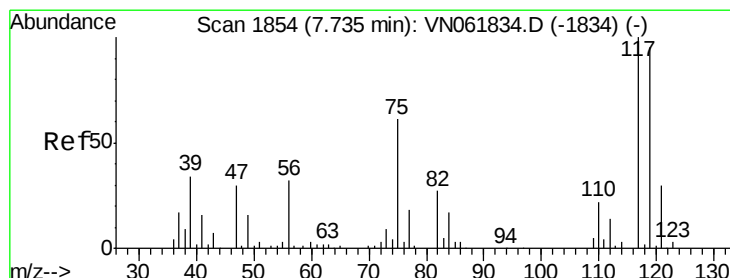
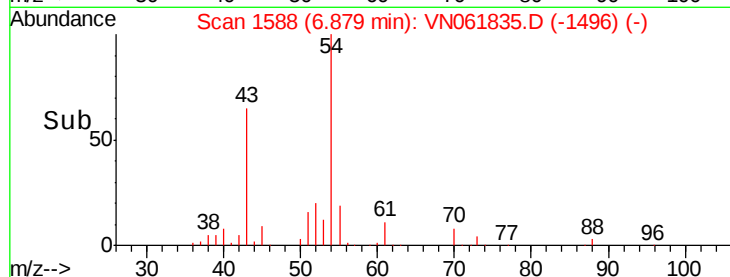
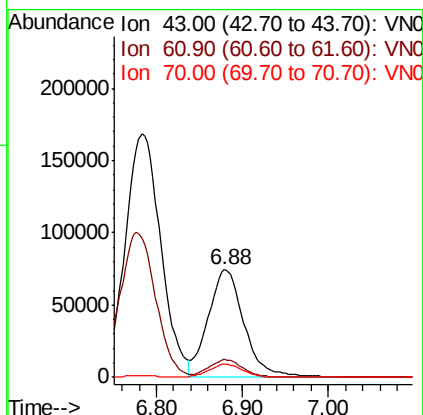
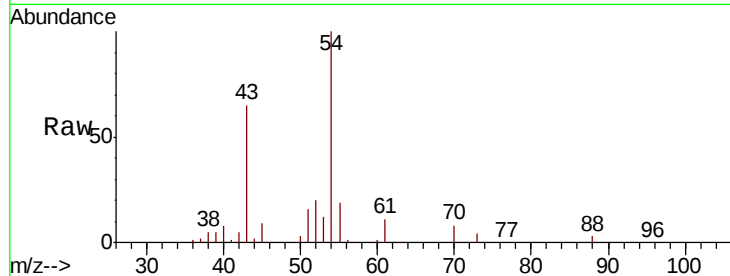




#37
Ethyl Acetate
Concen: 103.041 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

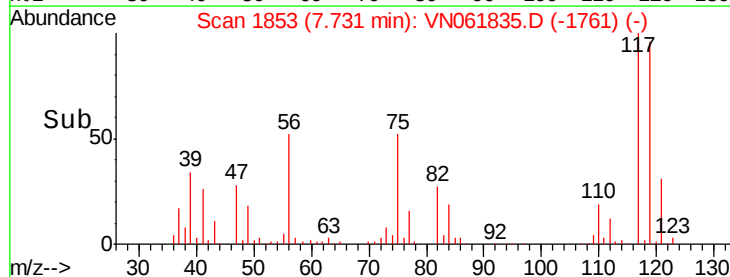
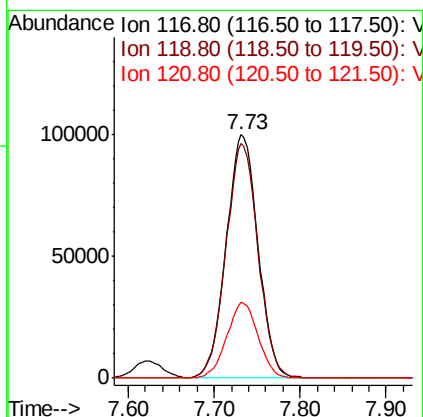
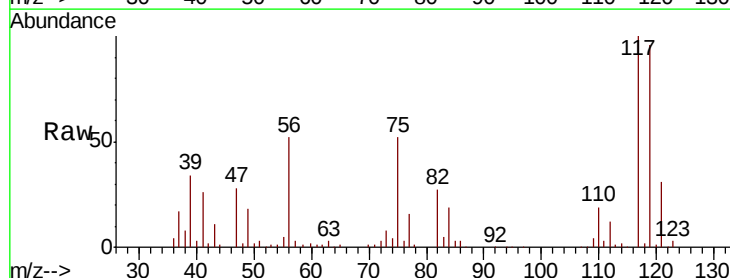
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

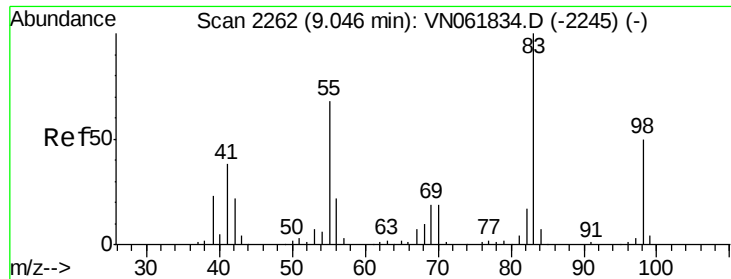
Tot Ion: 43 Resp: 213554
Ion Ratio Lower Upper
43 100
61 15.5 13.0 19.4
70 11.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 102.540 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 117 Resp: 256744
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6
121 30.9 23.8 35.6

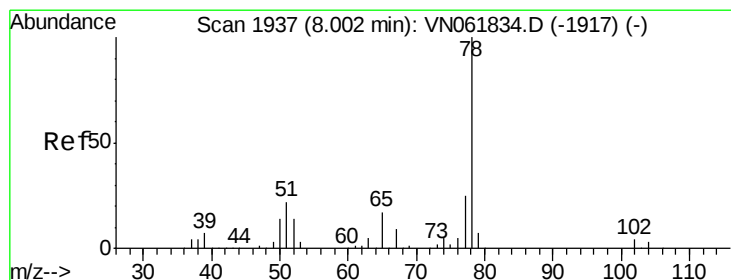
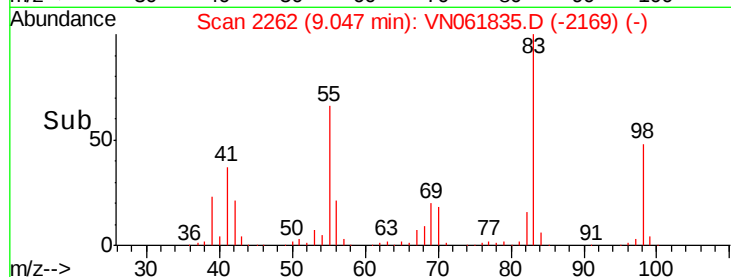
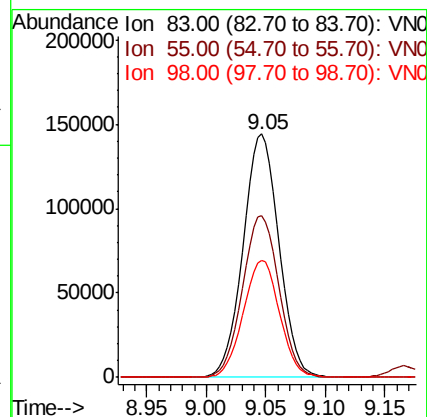
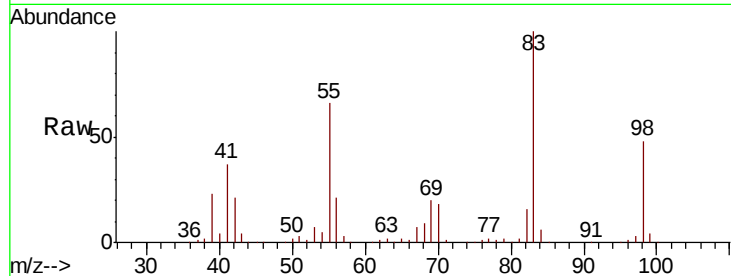




#39
Methvlcvclohexane
Concen: 95.586 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

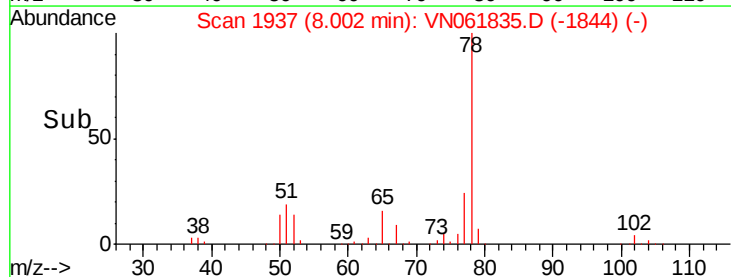
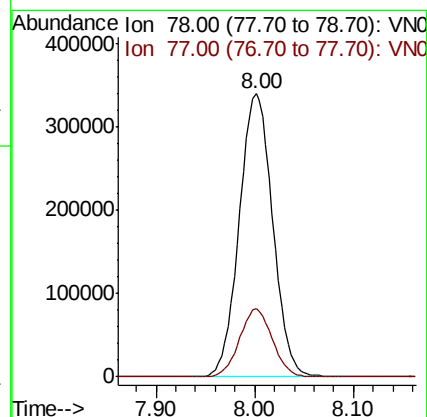
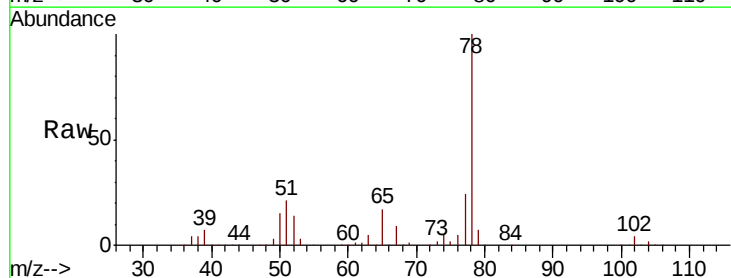
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

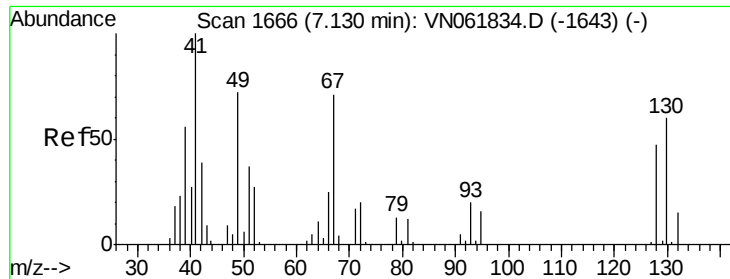
Tot Ion: 83 Resp: 301237
Ion Ratio Lower Upper
83 100
55 66.4 54.2 81.4
98 48.1 39.8 59.6



#40
Benzene
Concen: 99.859 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 78 Resp: 799002
Ion Ratio Lower Upper
78 100
77 24.2 19.7 29.5

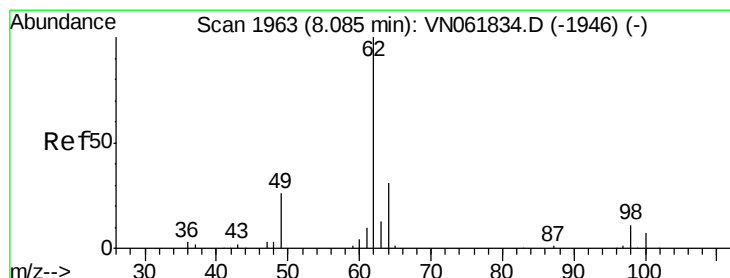
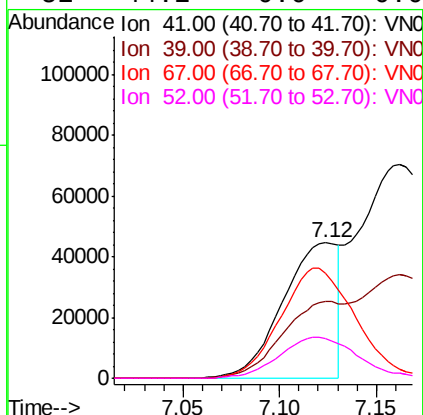
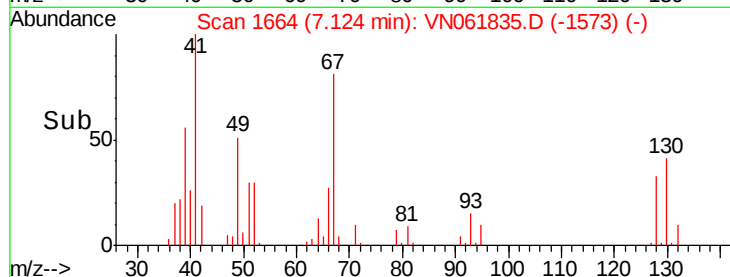
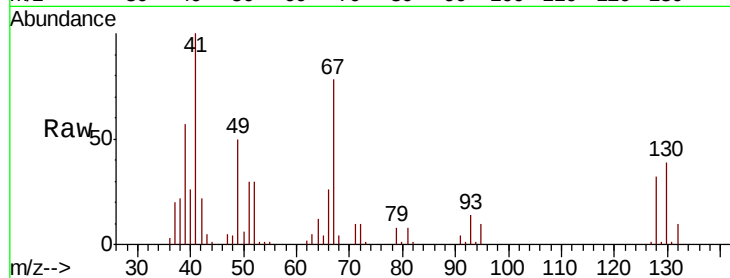




#41
Methacrylonitrile
Concen: 93.012 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

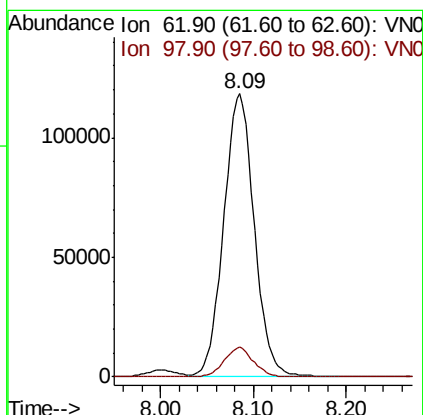
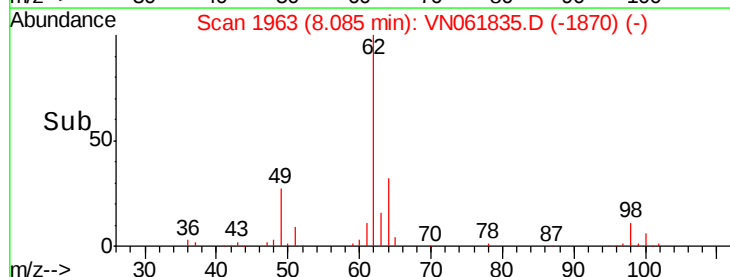
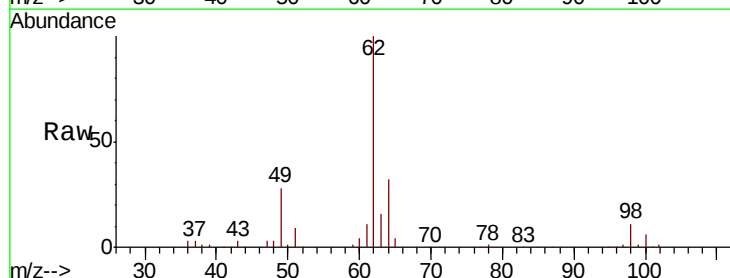
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

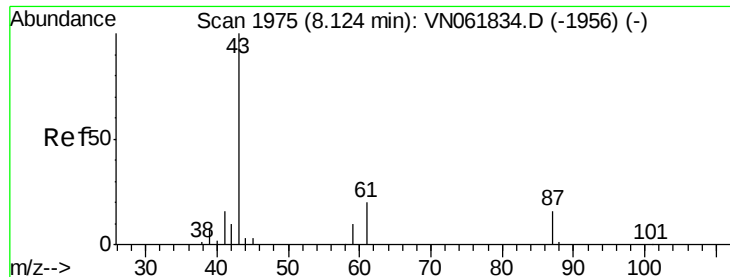
Tot Ion: 41 Resp: 88289
Ion Ratio Lower Upper
41 100
39 62.4 0.0 0.0#
67 111.6 0.0 0.0#
52 44.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 100.457 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 62 Resp: 270208
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4





#43

Isopropyl Acetate

Concen: 98.436 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

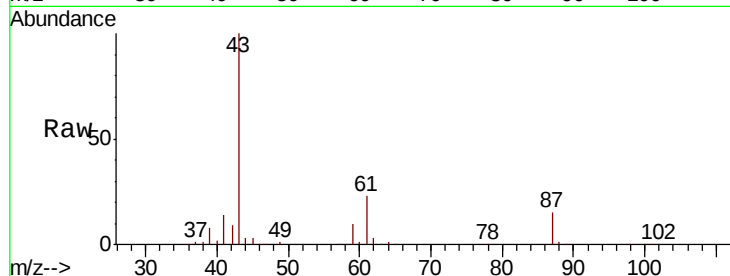
Tot Ion: 43 Resp: 365955

Ion Ratio Lower Upper

43 100

61 29.7 24.0 36.0

87 15.3 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061835.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061835.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061835.D (-1956) (-)

8.13

200000

150000

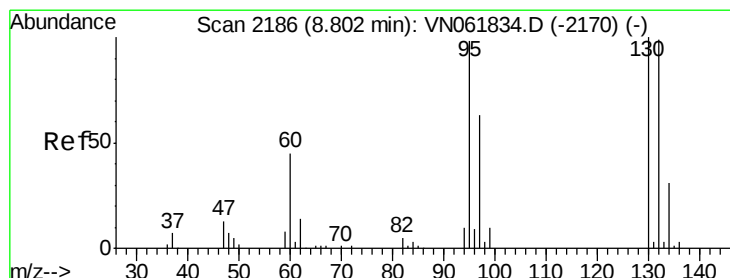
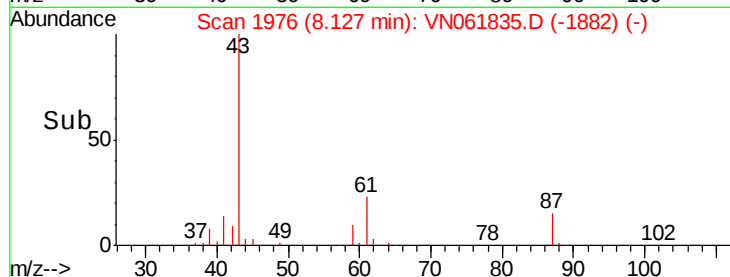
100000

50000

0

8.00 8.10 8.20

Time-->



#44

Trichloroethene

Concen: 88.047 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061835.D

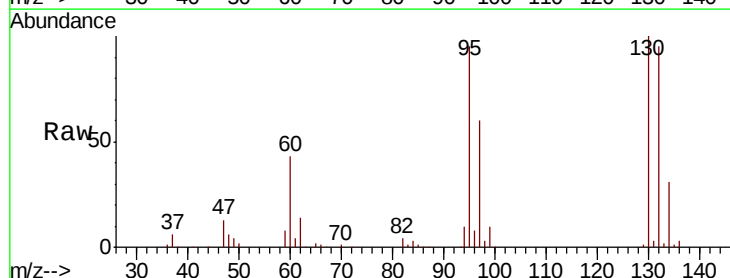
Acq: 16 Jun 2020 19:01

Tgt Ion:130 Resp: 209890

Ion Ratio Lower Upper

130 100

95 94.6 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061835.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061835.D (-2093) (-)

120000

100000

80000

60000

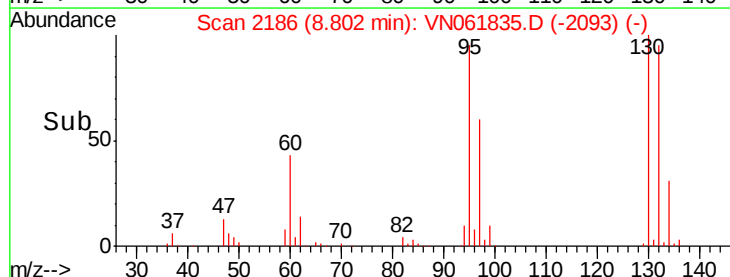
40000

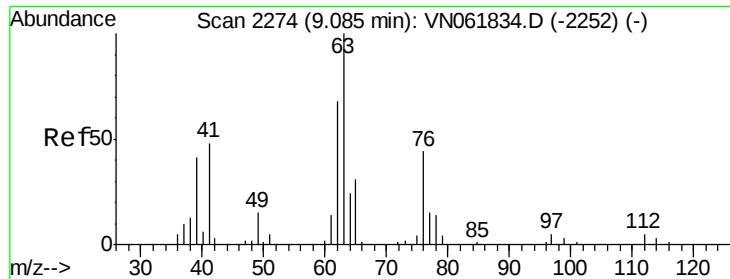
20000

0

8.70 8.80 8.90

Time-->

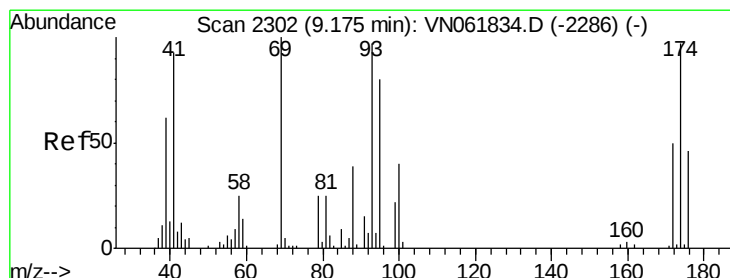
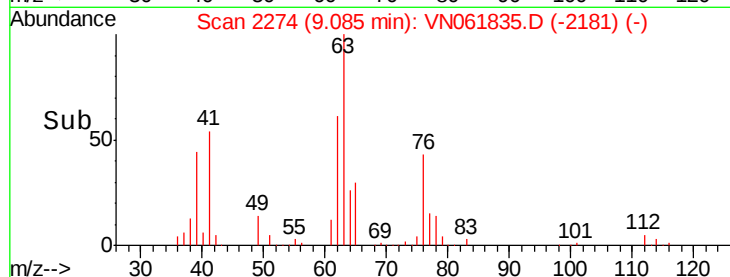
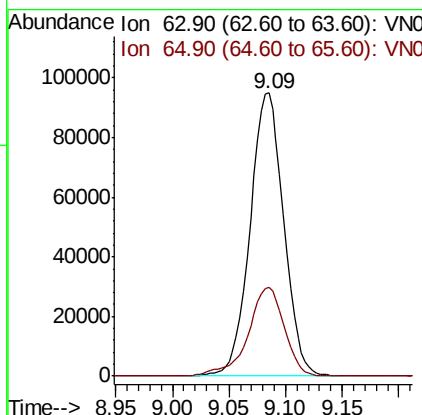
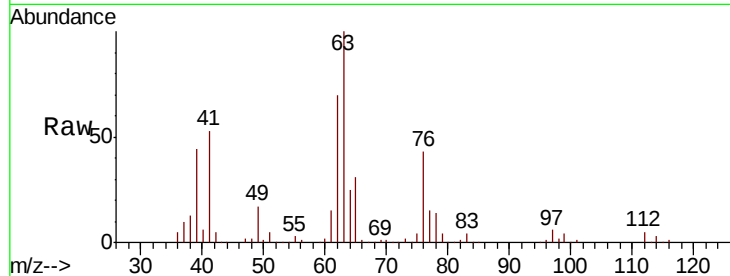




#45
 1,2-Dichloropropane
 Concen: 102.679 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

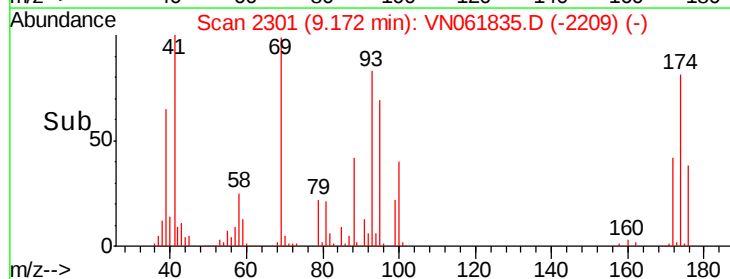
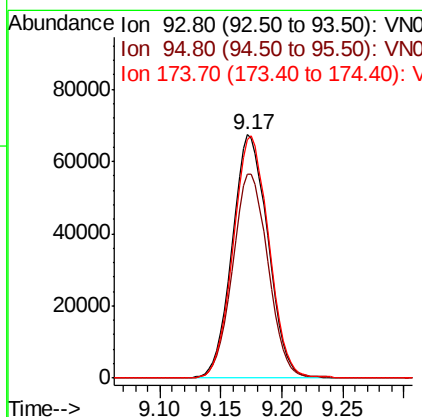
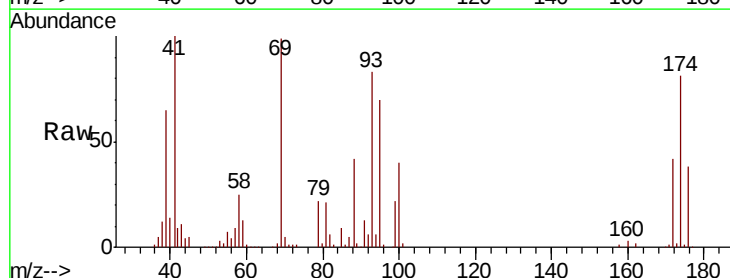
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

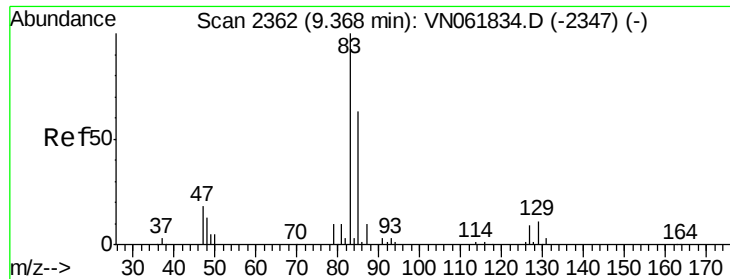
Tot Ion: 63 Resp: 196345
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.1 37.7



#46
 Dibromomethane
 Concen: 94.799 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion: 93 Resp: 137323
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.6
 174 99.2 78.5 117.7





#47

Bromodichloromethane

Concen: 99.518 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

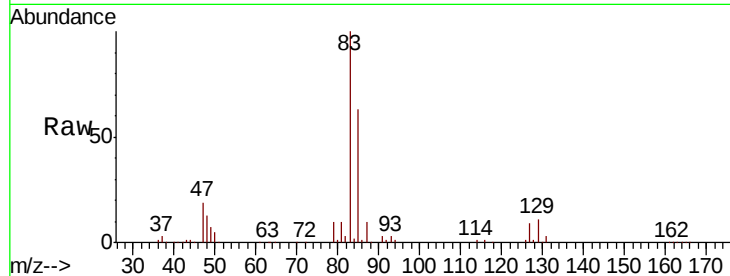
Tot Ion: 83 Resp: 285645

Ion Ratio Lower Upper

83 100

85 62.8 50.8 76.2

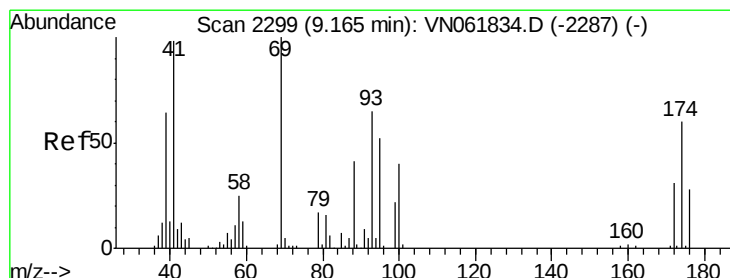
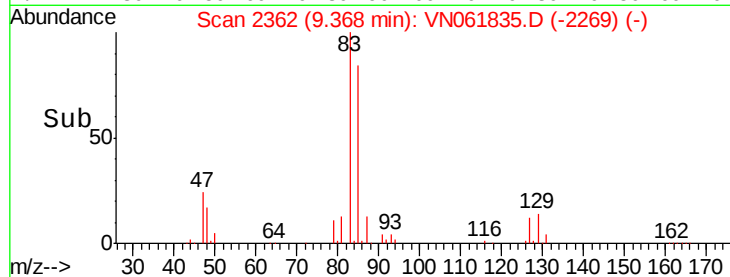
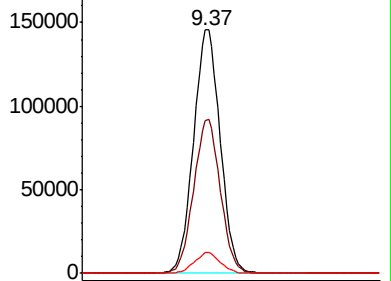
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061835.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061835.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061835.D (-2269) (-)



#48

Methyl methacrylate

Concen: 99.121 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

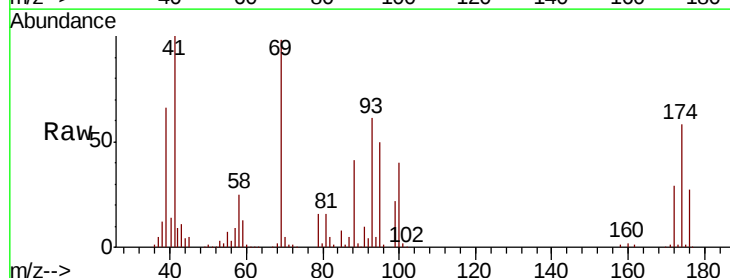
Tgt Ion: 41 Resp: 166403

Ion Ratio Lower Upper

41 100

69 101.9 83.0 124.4

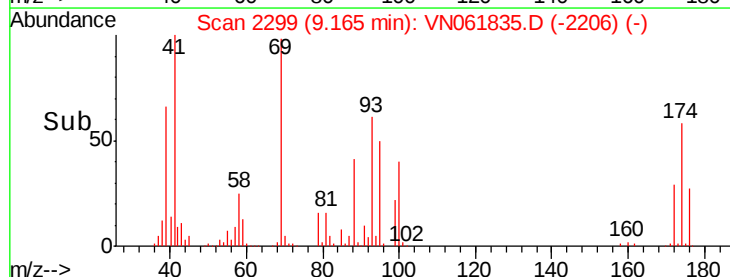
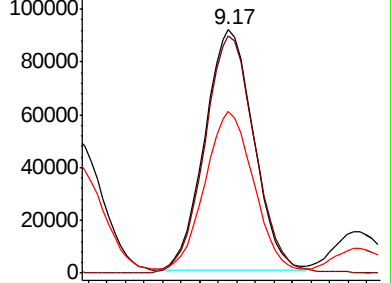
39 67.9 55.1 82.7

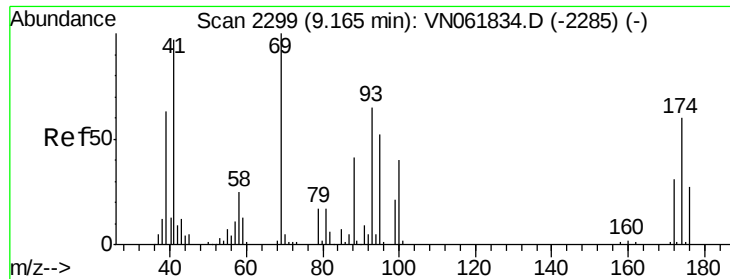


Abundance Ion 41.00 (40.70 to 41.70): VN061835.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061835.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061835.D (-2206) (-)





#49

1,4-Dioxane

Concen: 2723.725 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

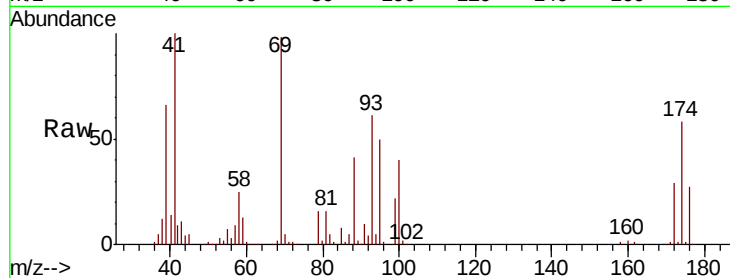
Tot Ion: 88 Resp: 76871

Ion Ratio Lower Upper

88 100

43 27.3 23.4 35.2

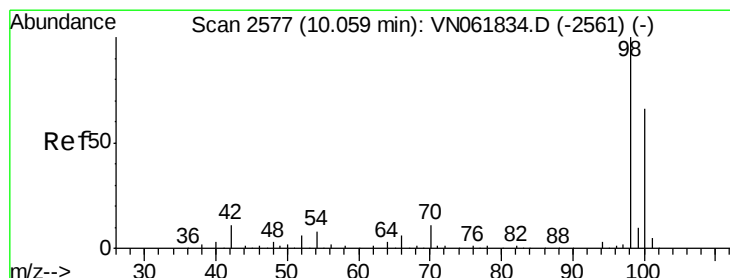
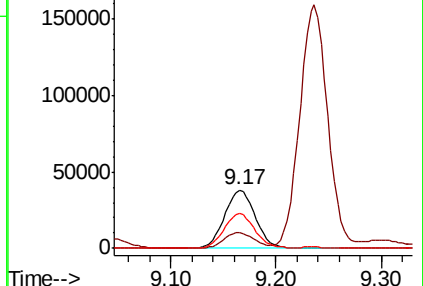
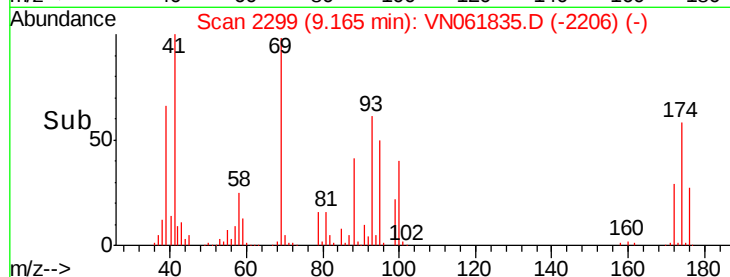
58 60.1 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061835.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061835.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061835.D (-2285) (-)



#50

Toluene-d8

Concen: 106.307 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061835.D

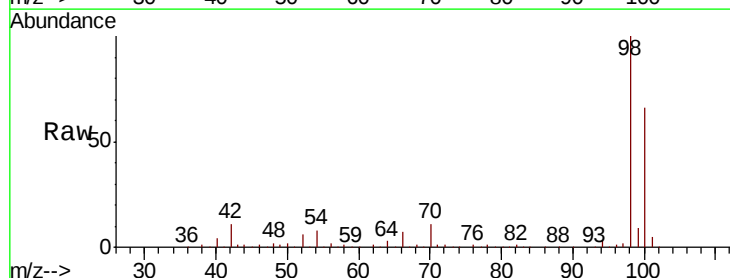
Acq: 16 Jun 2020 19:01

Tgt Ion: 98 Resp: 728050

Ion Ratio Lower Upper

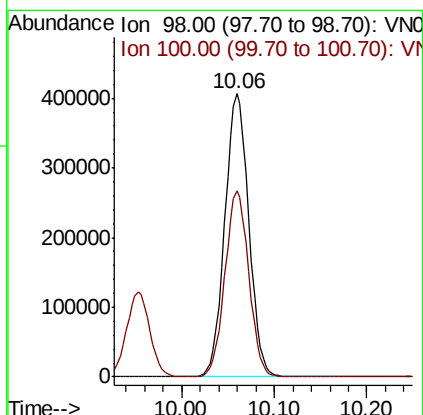
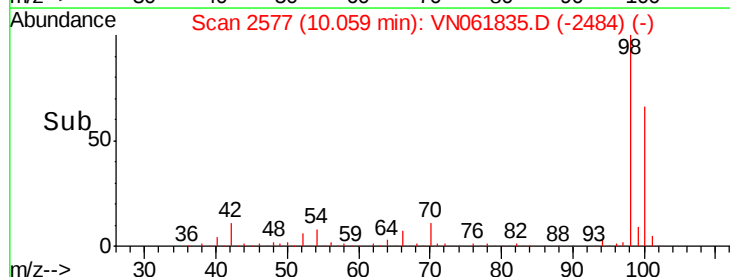
98 100

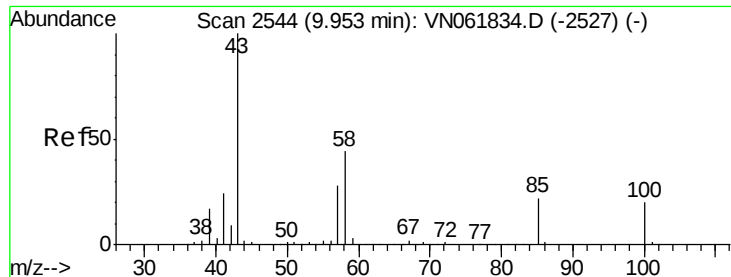
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061835.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061835.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 525.562 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

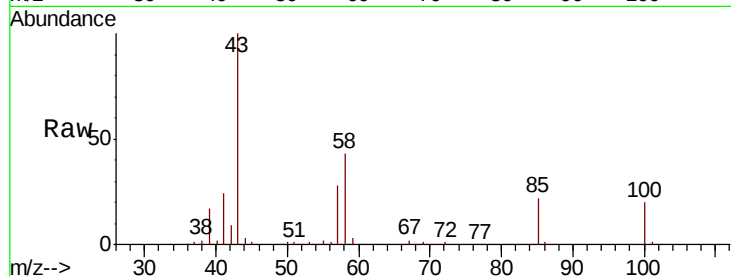
VSTDIC100

Tot Ion: 43 Resp: 1105481

Ion Ratio Lower Upper

43 100

58 42.9 34.6 52.0



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

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

9.95

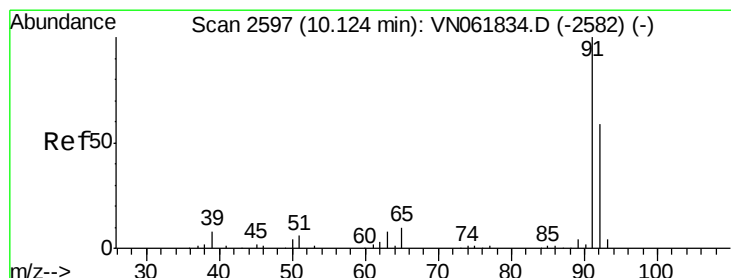
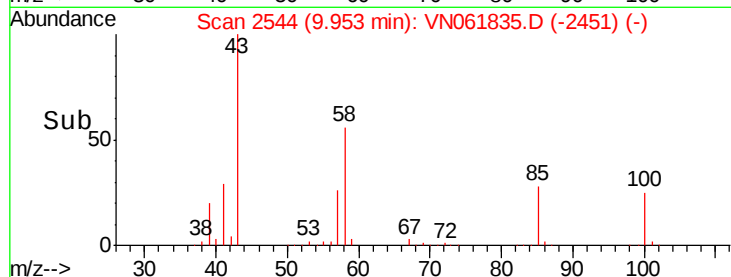
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 101.081 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061835.D

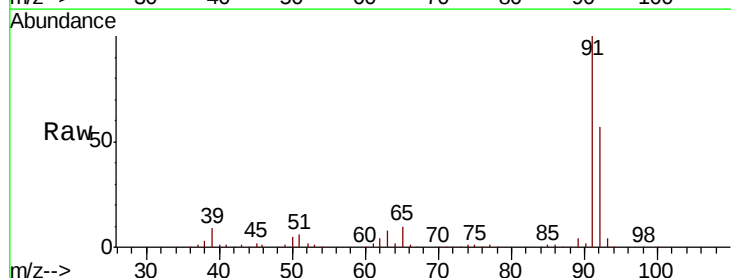
Acq: 16 Jun 2020 19:01

Tgt Ion: 92 Resp: 526090

Ion Ratio Lower Upper

92 100

91 172.9 137.1 205.7



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

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

10.12

600000

500000

400000

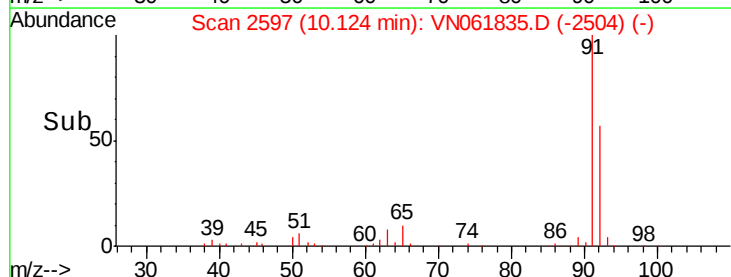
300000

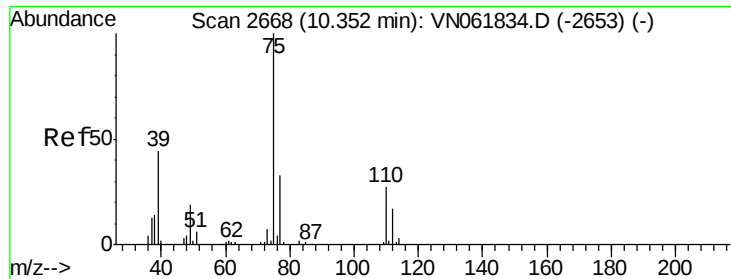
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 104.385 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

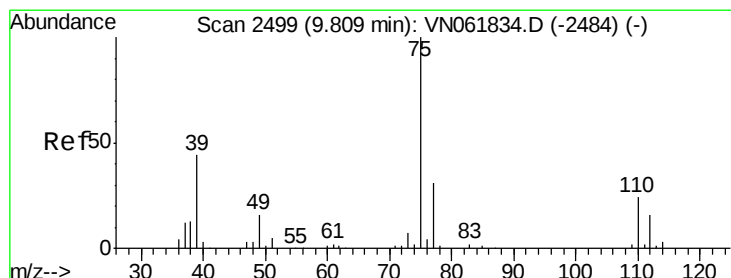
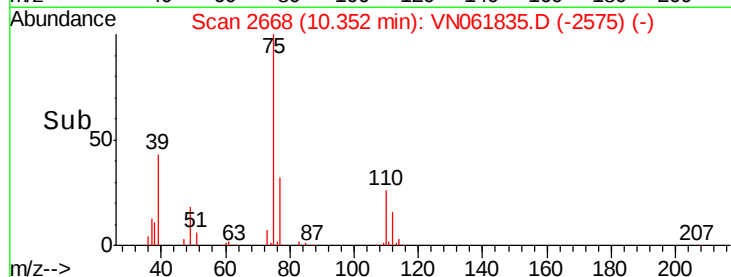
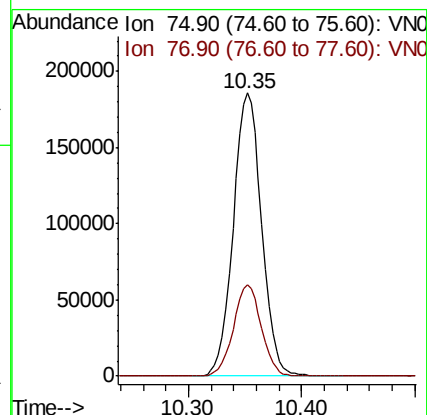
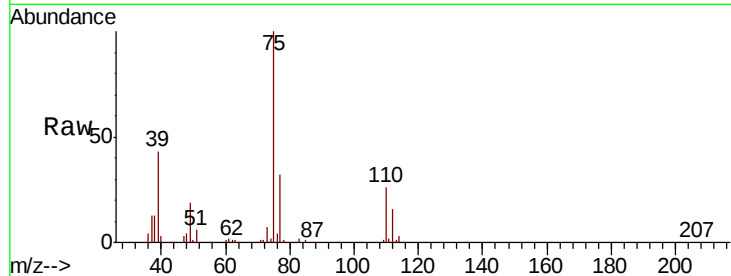
VSTDIC100

Tot Ion: 75 Resp: 322477

Ion Ratio Lower Upper

75 100

77 32.3 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 102.883 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

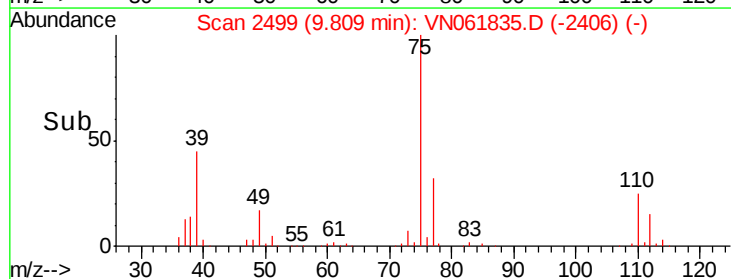
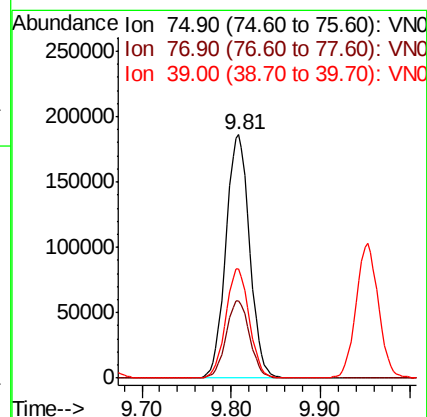
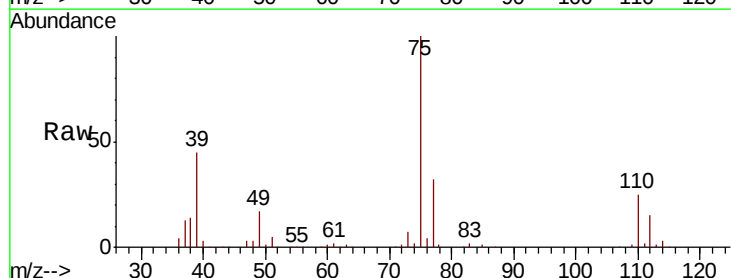
Tgt Ion: 75 Resp: 343194

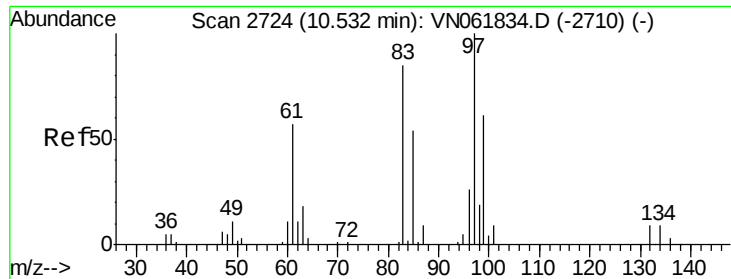
Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 45.0 35.4 53.0

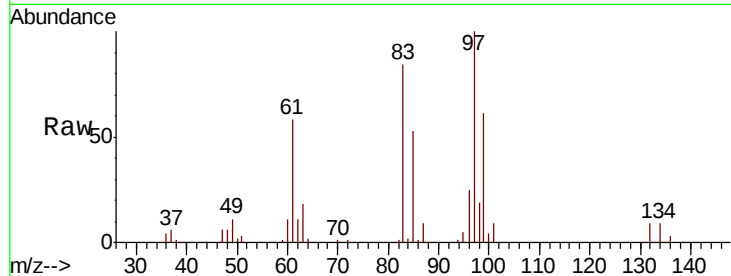




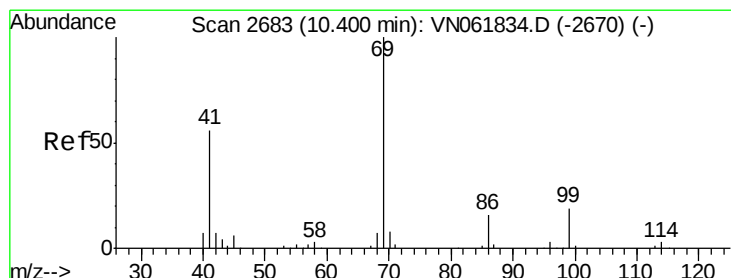
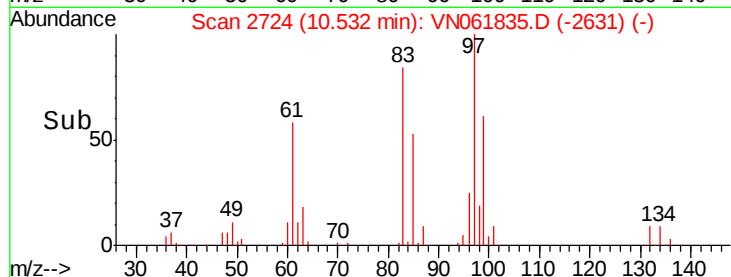
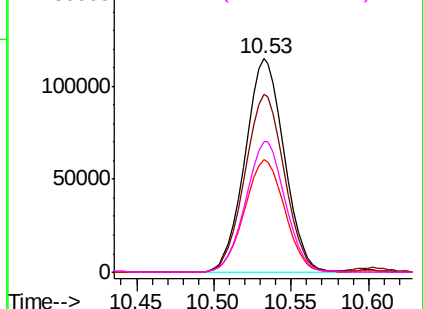
#55
 1,1,2-Trichloroethane
 Concen: 98.084 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	202950
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.7	101.5
85	52.6	43.4	65.0
99	61.2	48.8	73.2

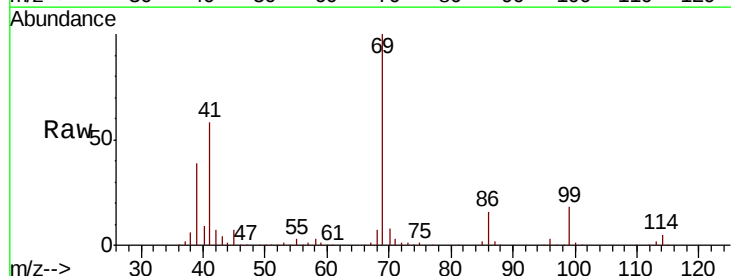


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

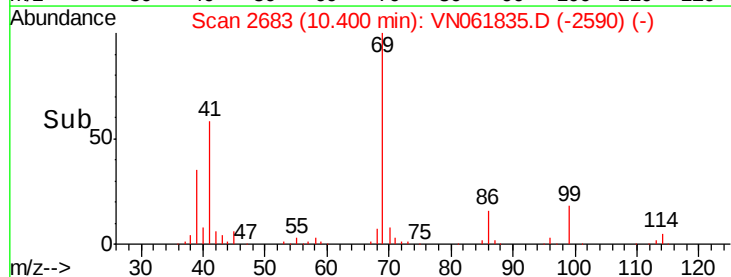
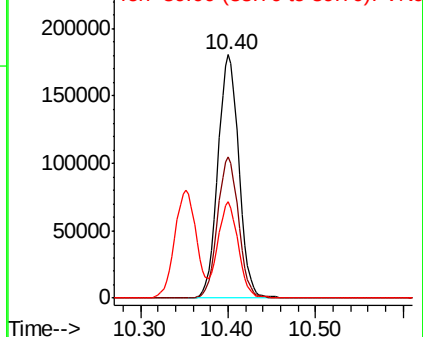


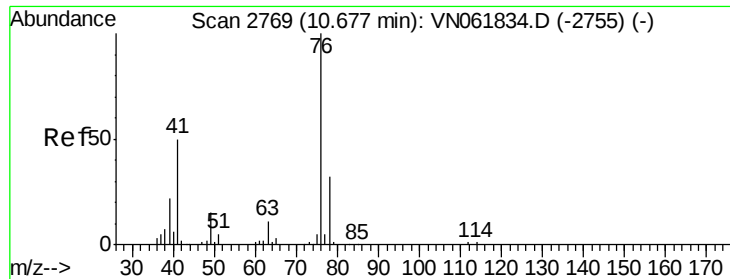
#56
 Ethyl methacrylate
 Concen: 104.461 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion:	69	Resp:	299588
Ion	Ratio	Lower	Upper
69	100		
41	57.7	44.9	67.3
39	37.9	30.0	45.0



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

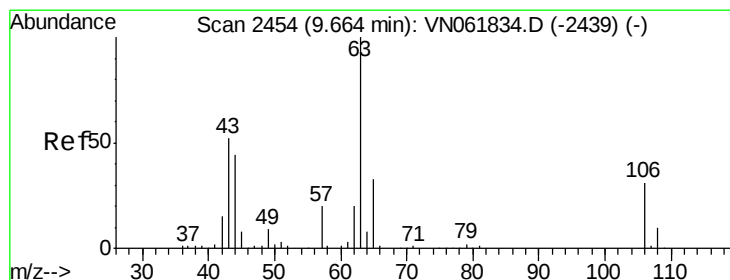
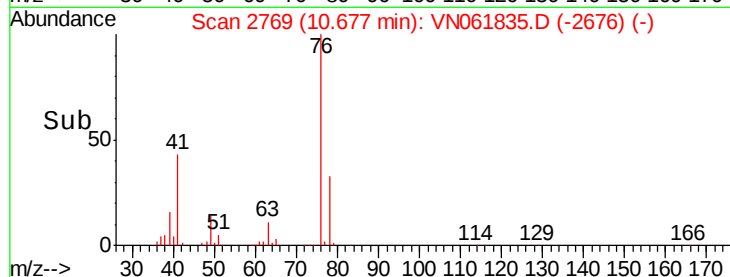
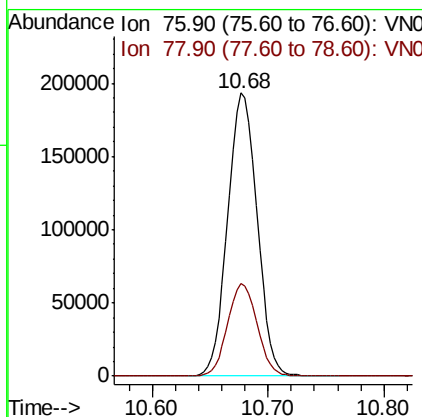
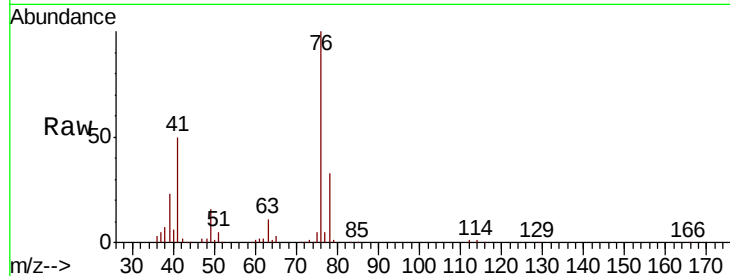




#57
 1,3-Dichloropropane
 Concen: 102.131 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

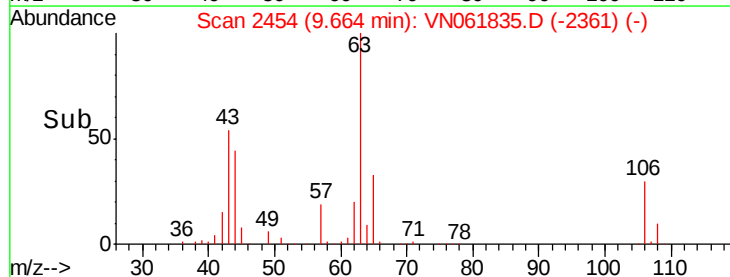
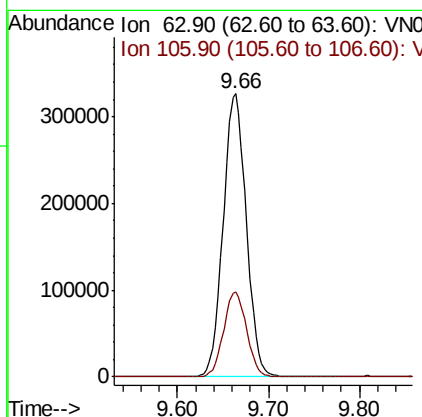
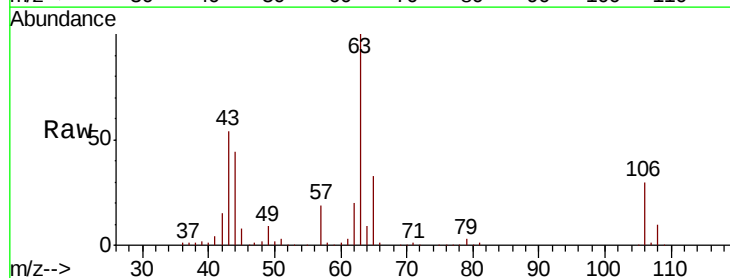
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

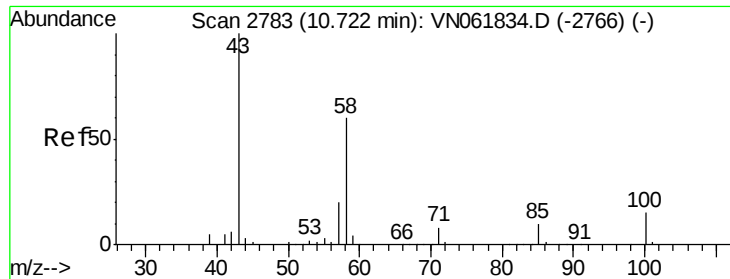
Tot Ion: 76 Resp: 340166
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 477.613 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion: 63 Resp: 575914
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.6 36.8

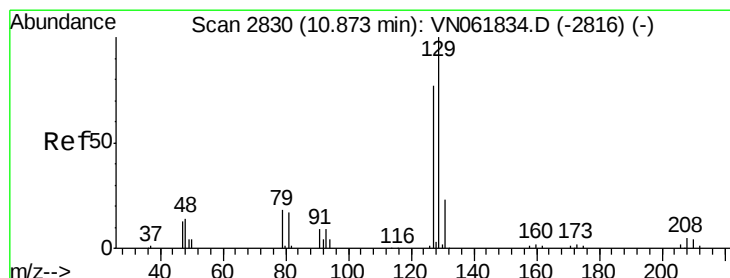
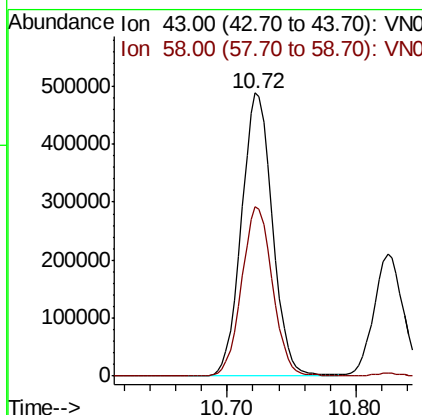
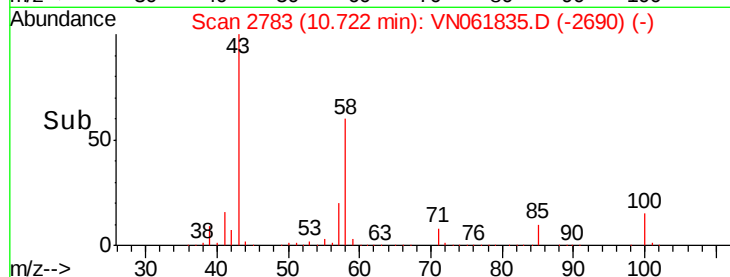
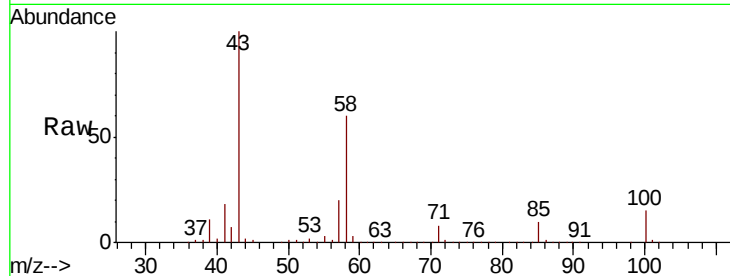




#59
2-Hexanone
Concen: 539.666 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

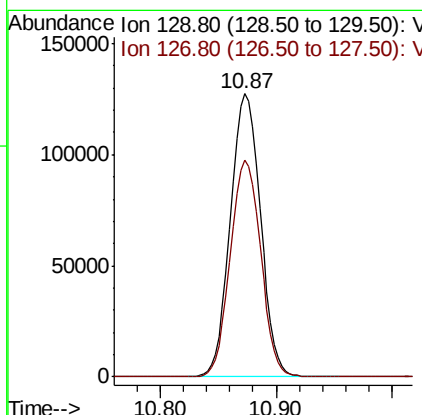
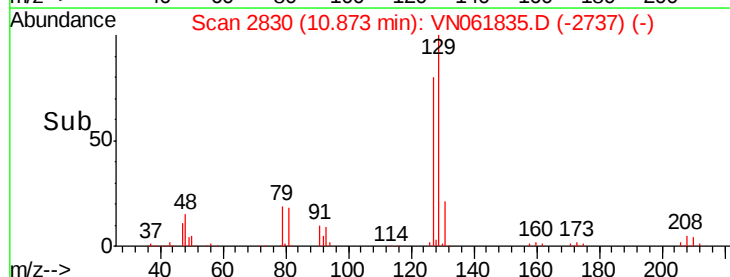
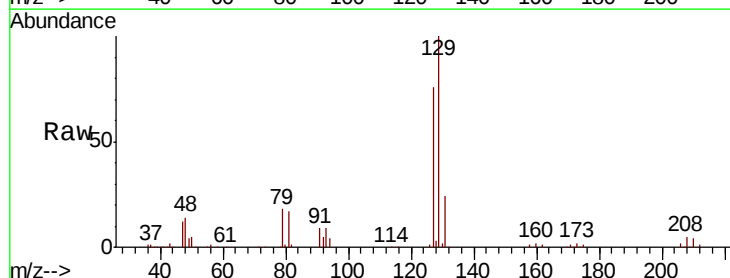
Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

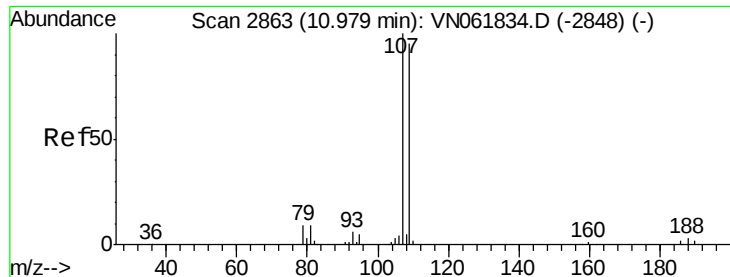
Tot Ion: 43 Resp: 815307
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.5



#60
Dibromochloromethane
Concen: 98.690 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 129 Resp: 229633
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

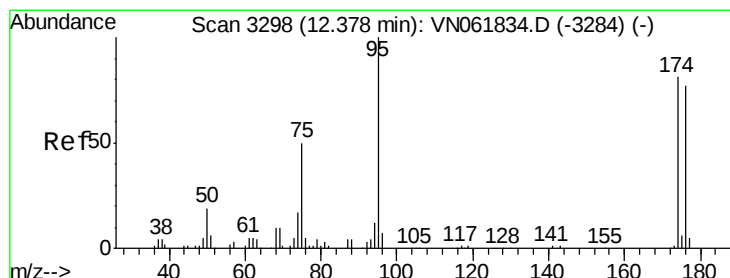
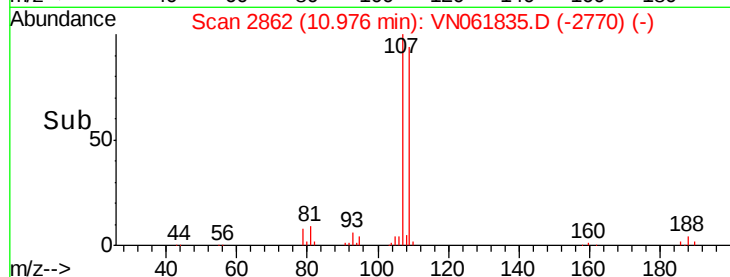
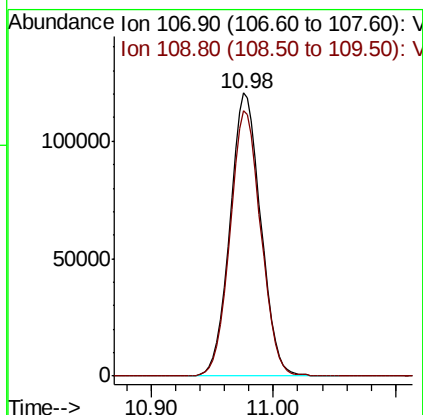
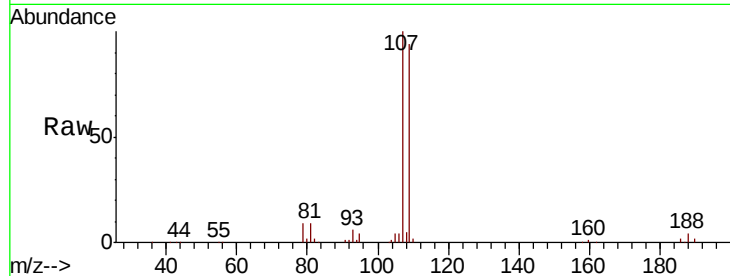




#61
 1,2-Dibromoethane
 Concen: 98.562 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

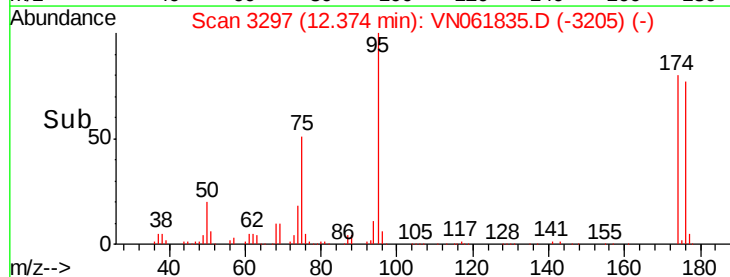
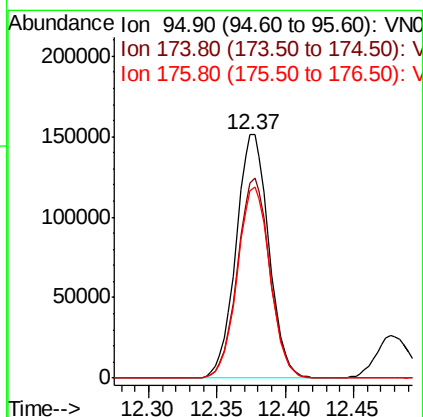
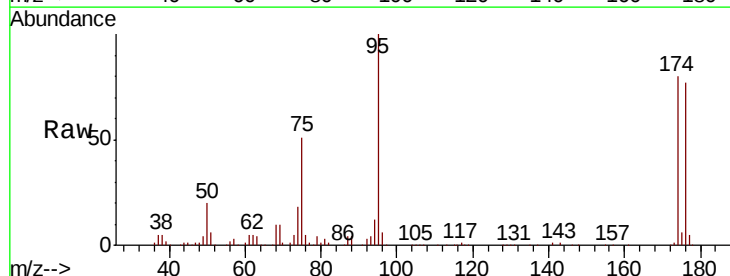
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

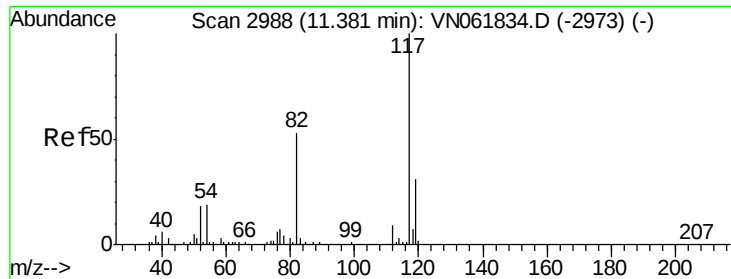
Tot Ion:107 Resp: 211795
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 101.791 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion: 95 Resp: 252746
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 158.6
 176 77.9 0.0 152.0

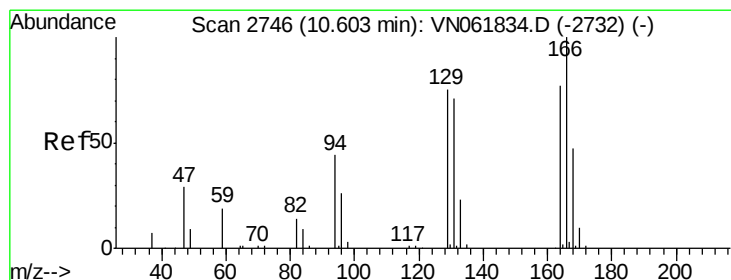
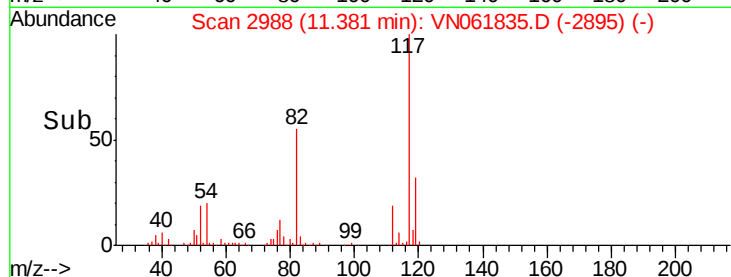
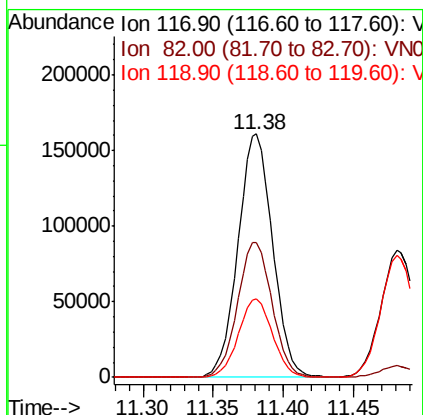
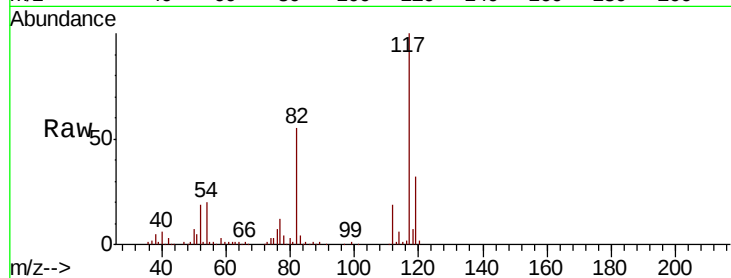




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

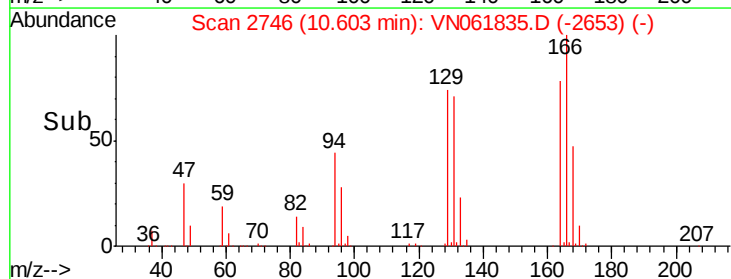
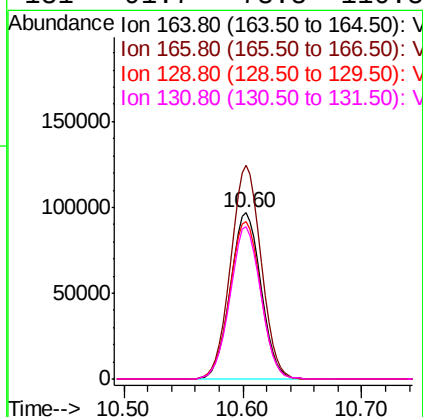
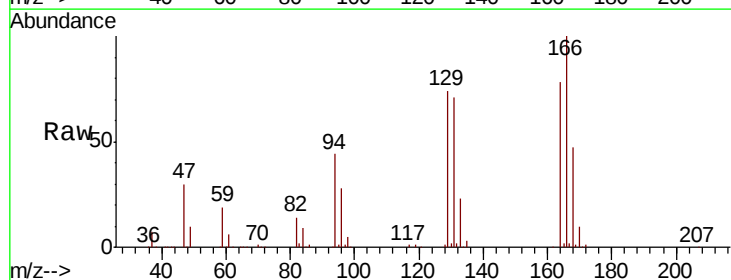
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

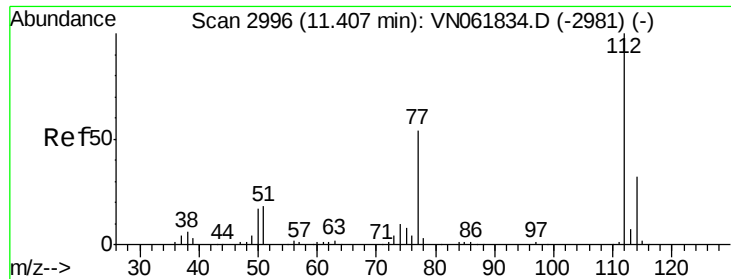
Tot Ion:117 Resp: 277534
Ion Ratio Lower Upper
117 100
82 55.4 42.6 64.0
119 32.1 24.7 37.1



#64
Tetrachloroethene
Concen: 69.710 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion:164 Resp: 173110
Ion Ratio Lower Upper
164 100
166 128.7 103.5 155.3
129 95.0 77.5 116.3
131 91.7 73.8 110.8

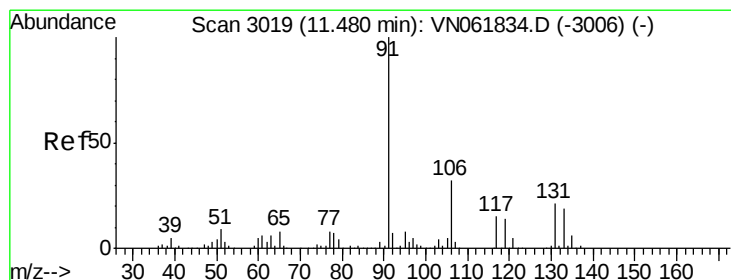
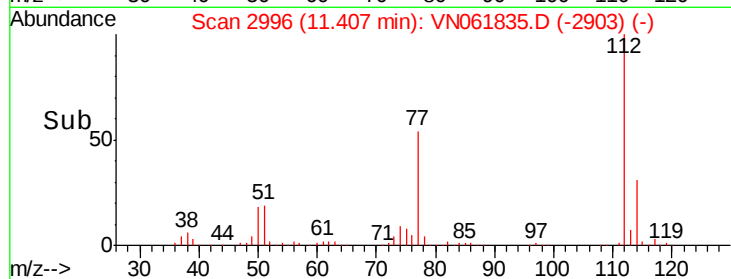
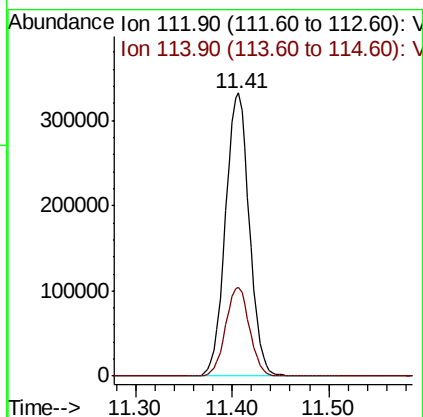
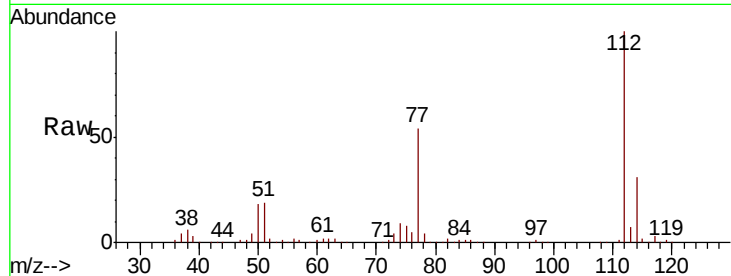




#65
Chlorobenzene
Concen: 98.276 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

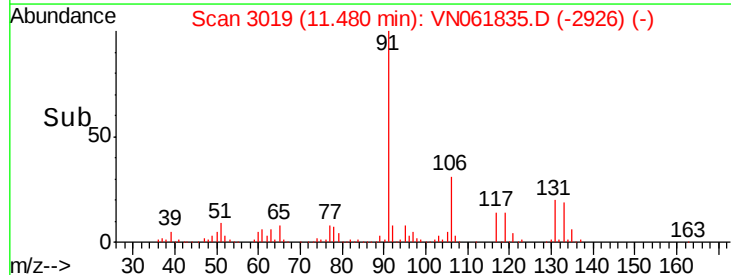
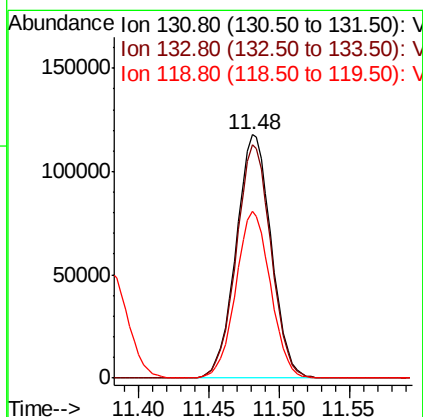
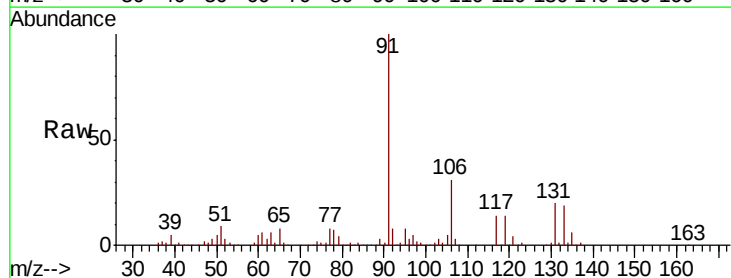
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

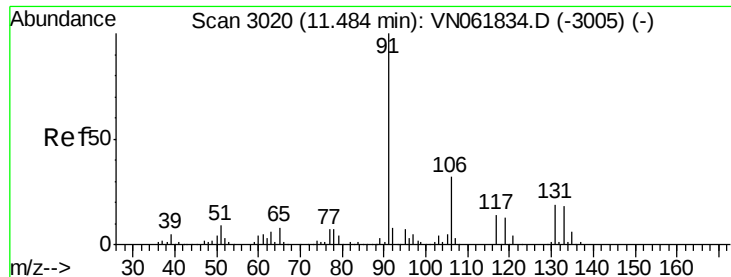
Tot Ion:112 Resp: 568852
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 95.960 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion:131 Resp: 205578
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 67.7 34.0 101.8

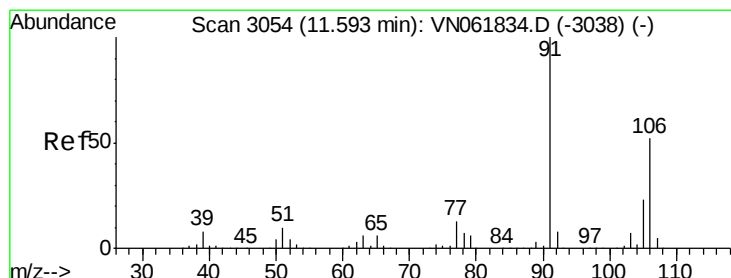
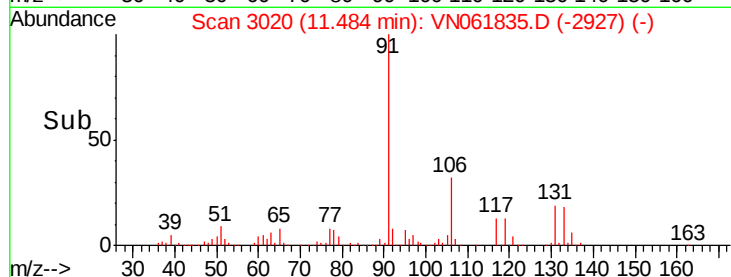
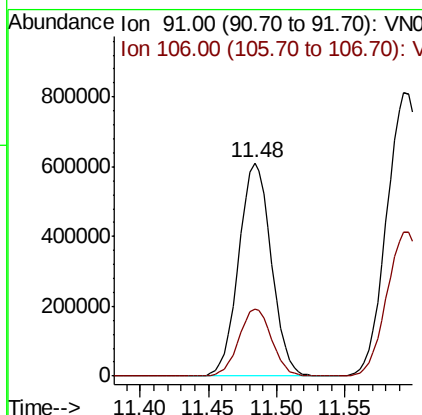
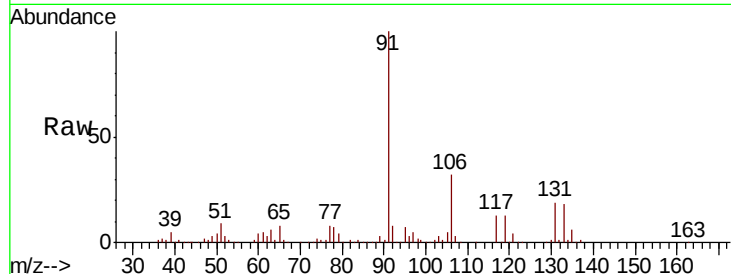




#67
Ethyl Benzene
Concen: 100.951 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

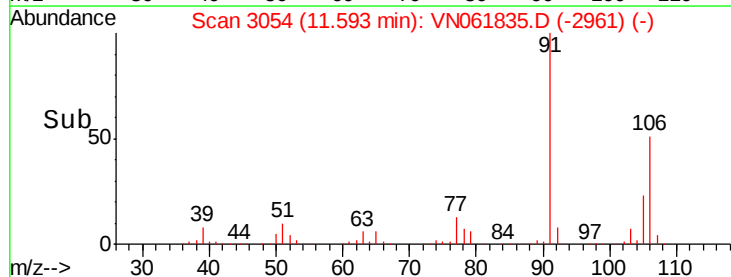
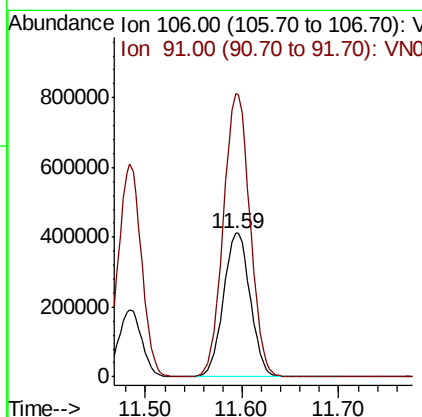
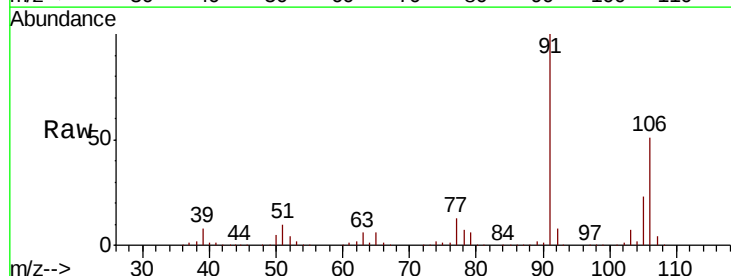
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

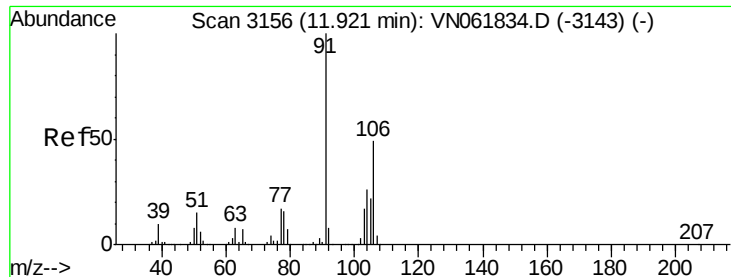
Tot Ion: 91 Resp: 1011991
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 199.436 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 106 Resp: 789933
Ion Ratio Lower Upper
106 100
91 196.2 157.0 235.6

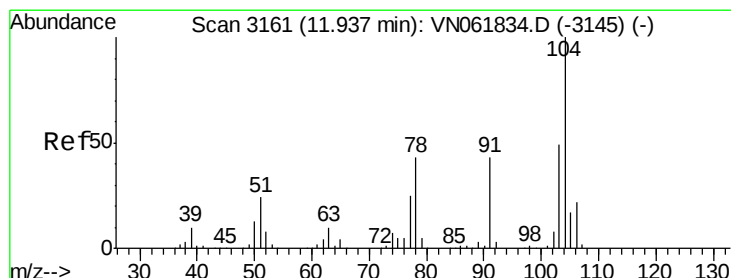
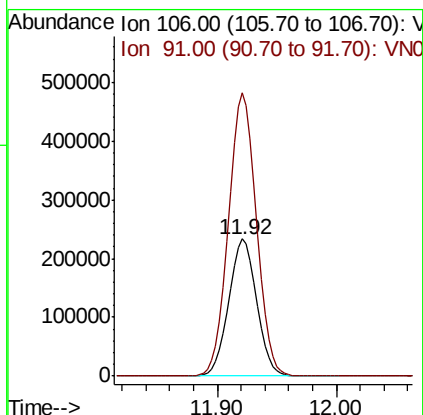
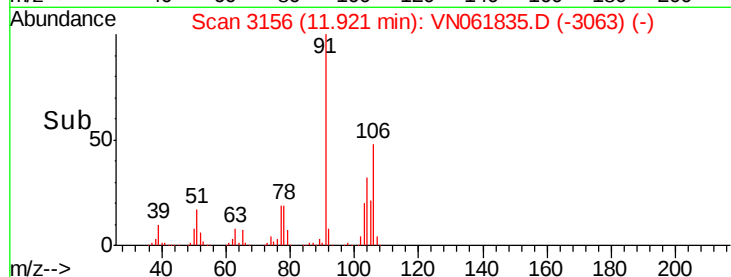
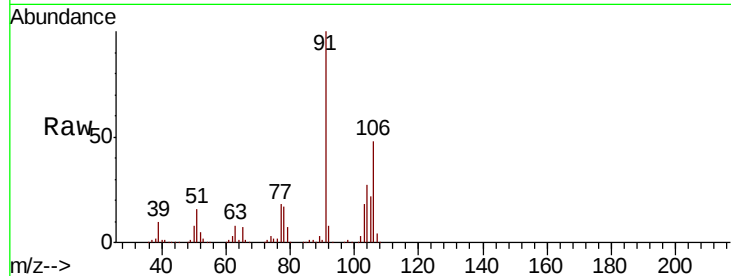




#69
o-Xylene
Concen: 100.687 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

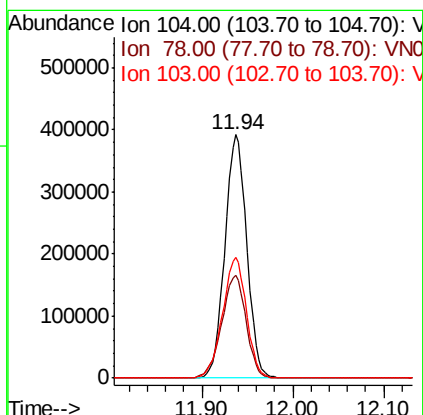
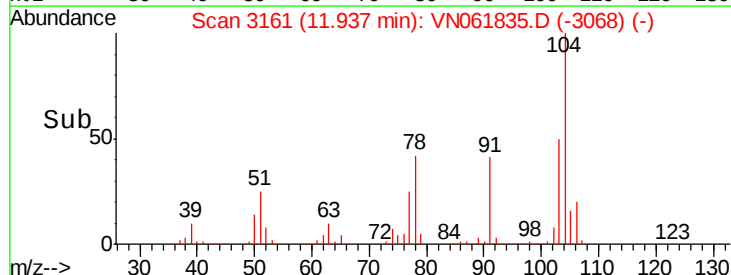
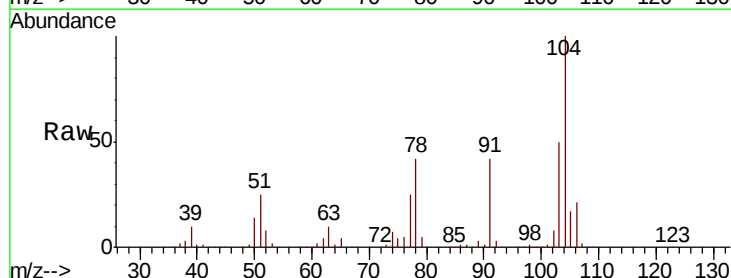
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

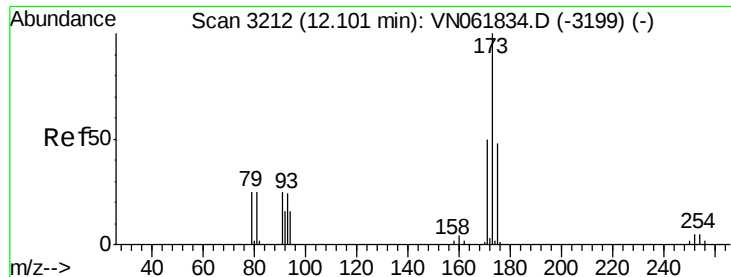
Tot Ion:106 Resp: 379255
Ion Ratio Lower Upper
106 100
91 206.7 103.0 308.9



#70
Styrene
Concen: 105.222 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion:104 Resp: 657047
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 53.9 43.0 64.4





#71

Bromoform

Concen: 96.372 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

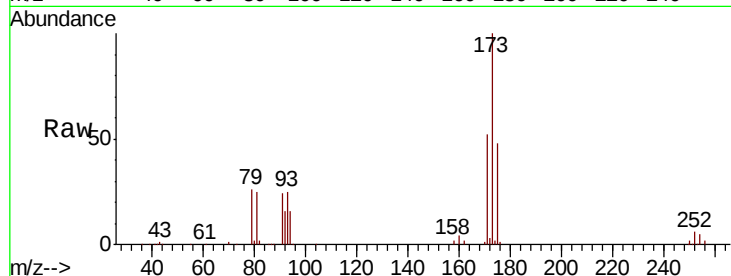
Tot Ion:173 Resp: 157338

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.7

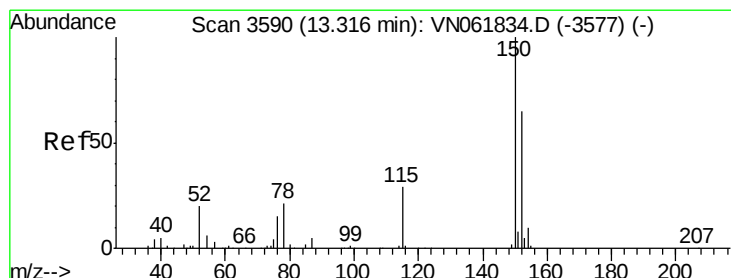
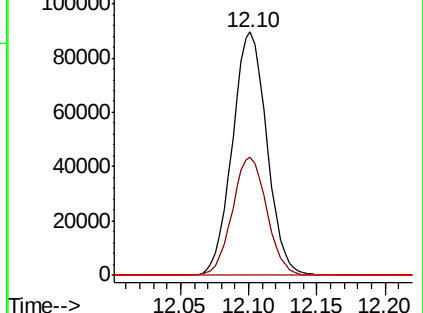
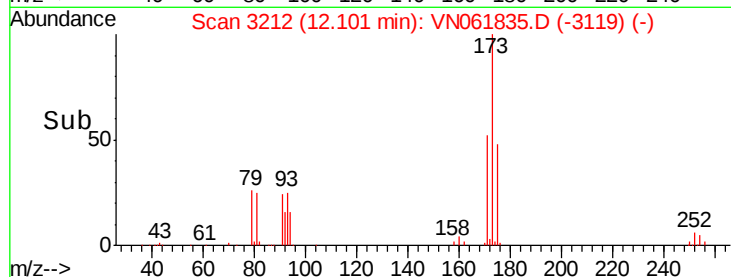
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

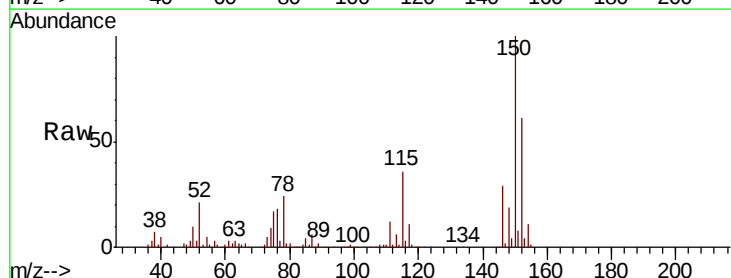
Tgt Ion:152 Resp: 141135

Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.3

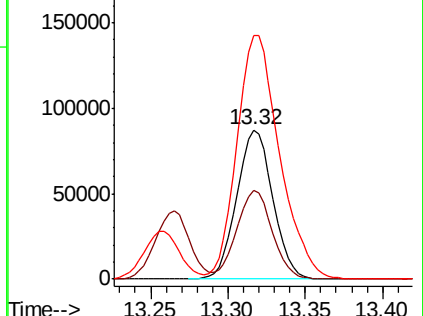
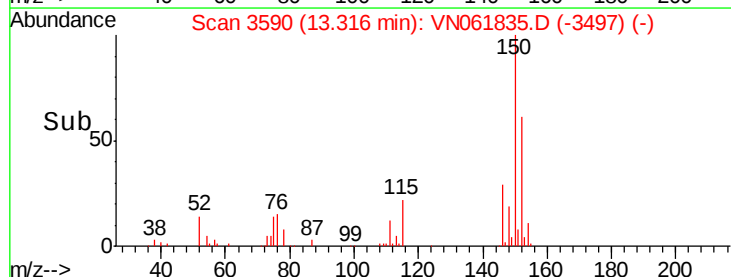
150 193.6 0.0 347.6

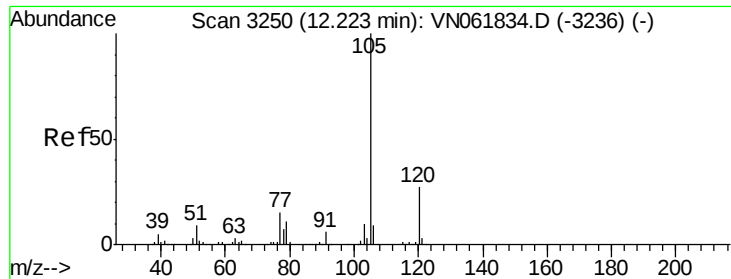


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 95.677 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

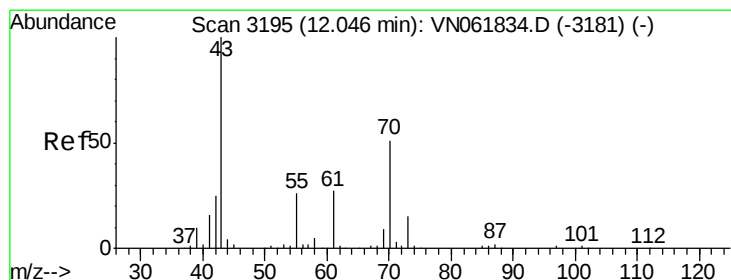
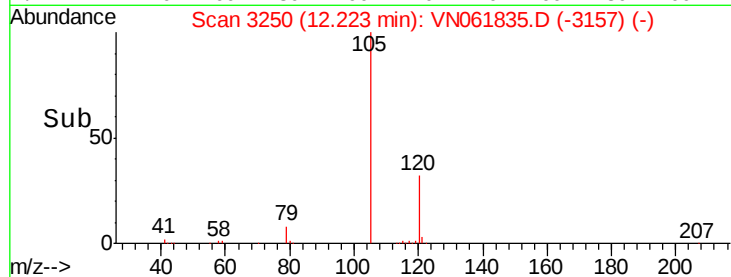
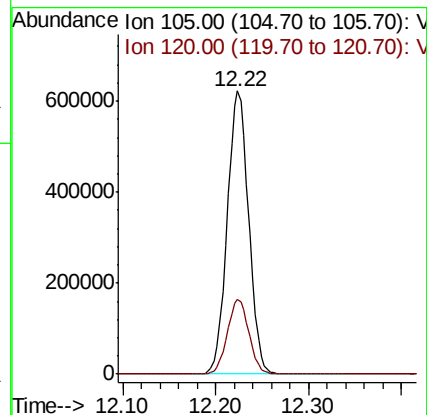
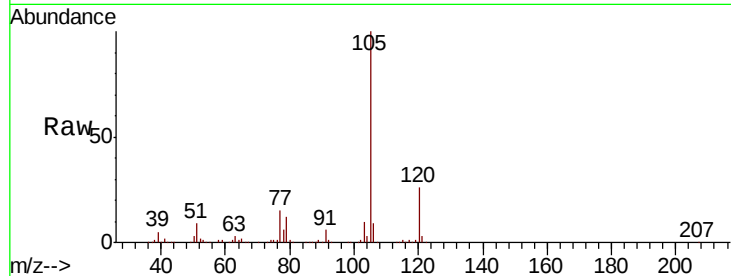
VSTDIC100

Tot Ion:105 Resp: 992229

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 109.352 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Tgt Ion: 43 Resp: 357507

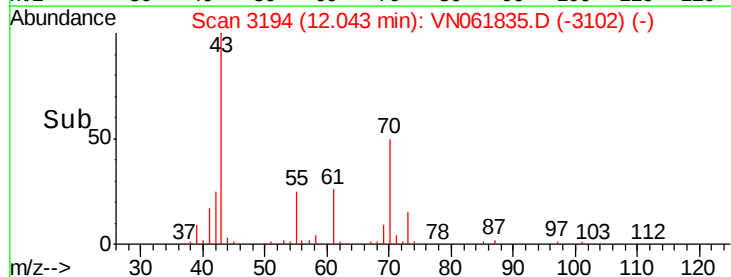
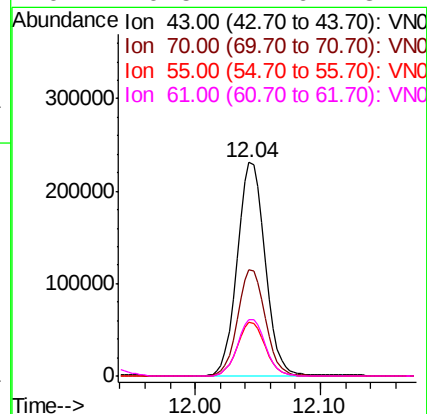
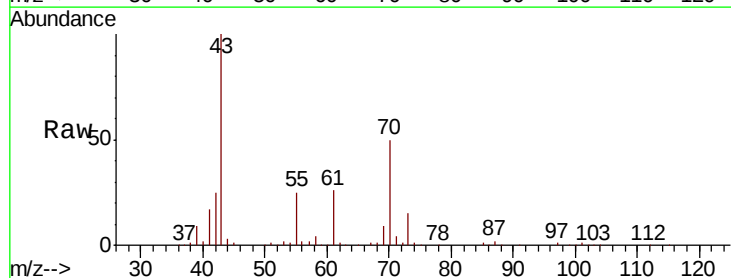
Ion Ratio Lower Upper

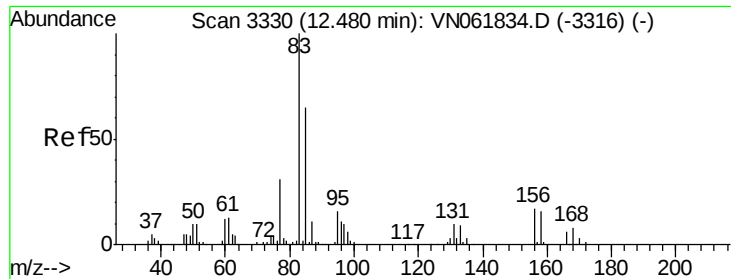
43 100

70 49.3 40.6 60.8

55 25.5 21.5 32.3

61 26.5 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 100.846 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

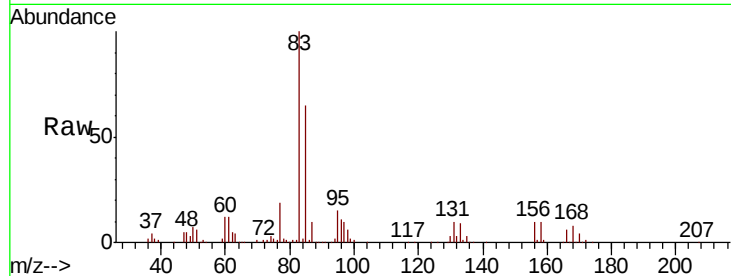
Tot Ion: 83 Resp: 297601

Ion Ratio Lower Upper

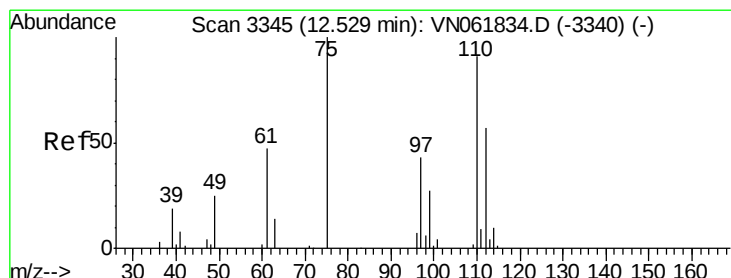
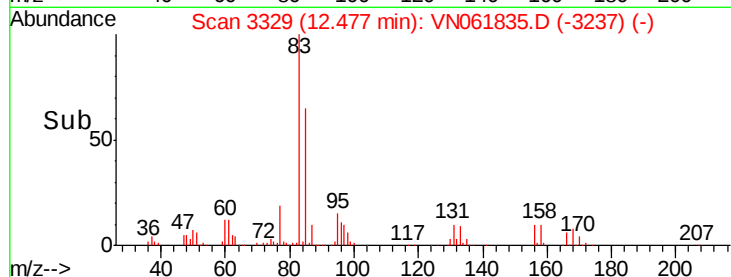
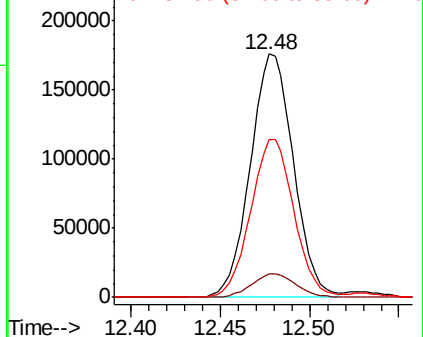
83 100

131 10.1 5.0 15.0

85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 147.302 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061835.D

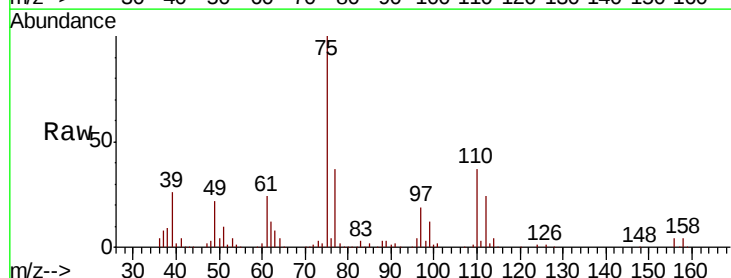
Acq: 16 Jun 2020 19:01

Tgt Ion: 75 Resp: 382578

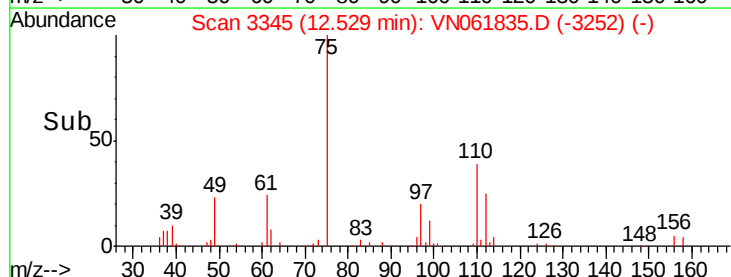
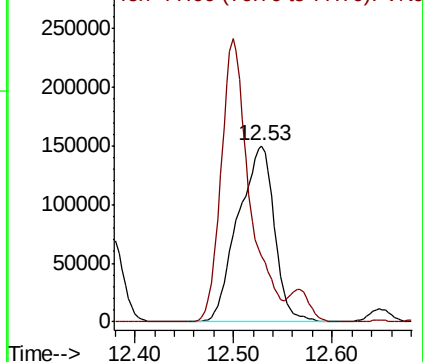
Ion Ratio Lower Upper

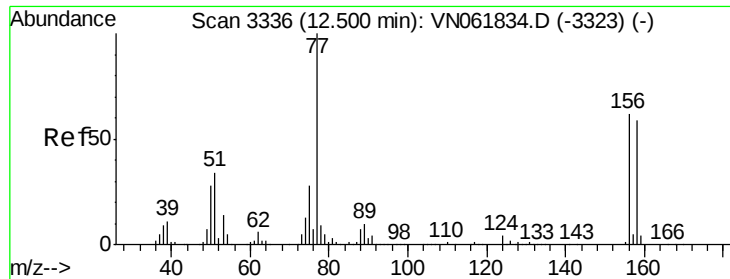
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 91.979 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

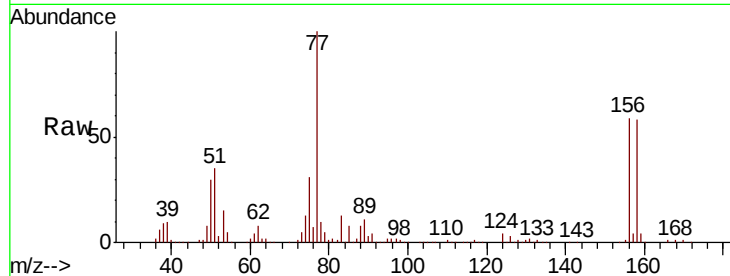
Tot Ion:156 Resp: 241206

Ion Ratio Lower Upper

156 100

77 202.8 100.7 302.1

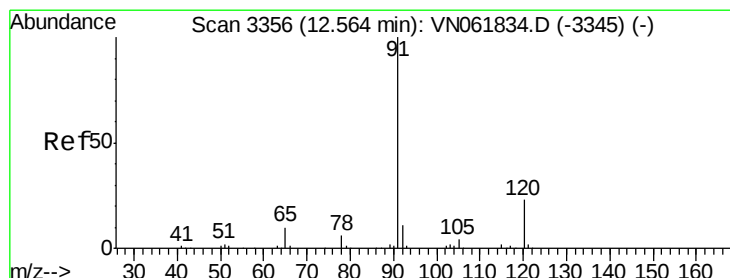
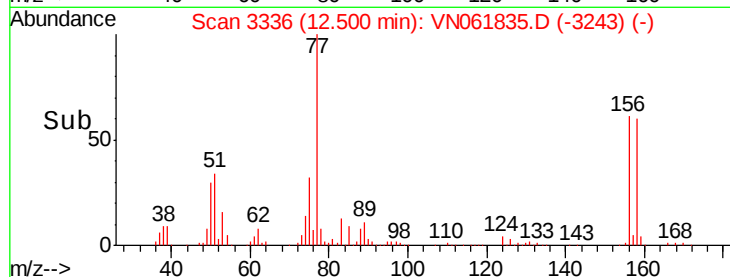
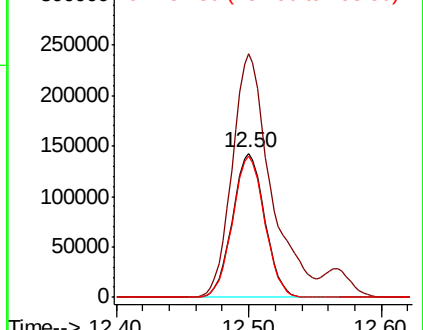
158 97.3 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 98.402 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061835.D

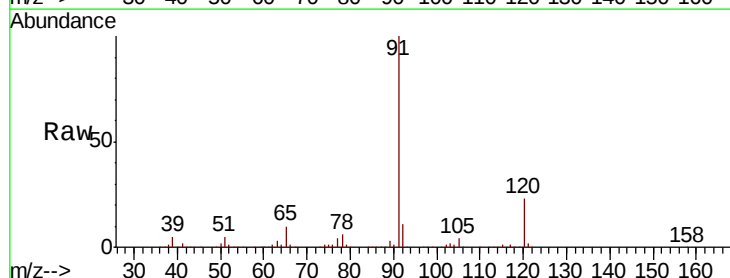
Acq: 16 Jun 2020 19:01

Tgt Ion: 91 Resp: 1141686

Ion Ratio Lower Upper

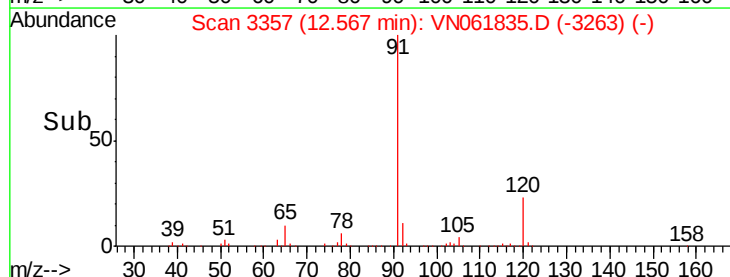
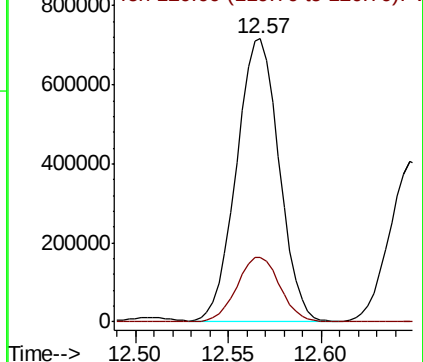
91 100

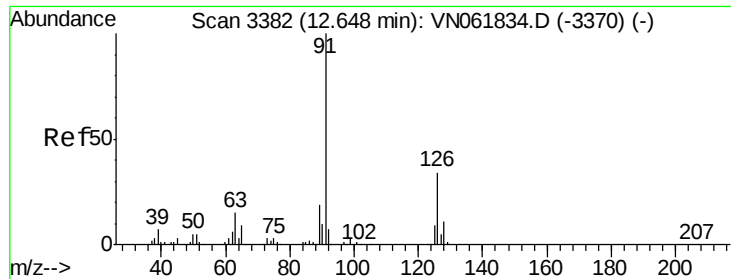
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

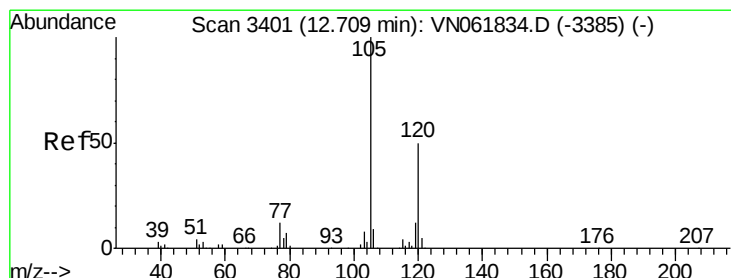
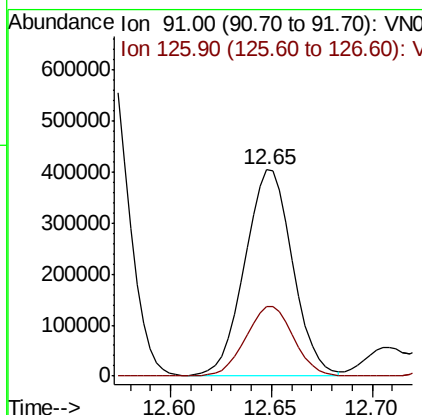
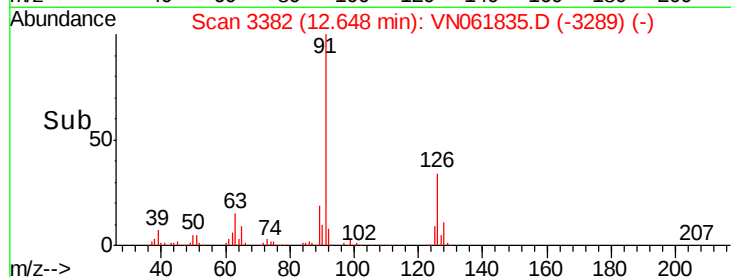
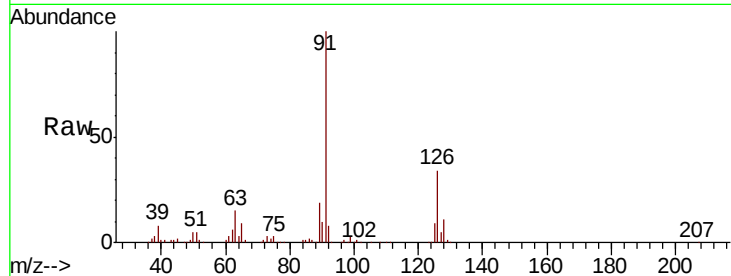




#79
 2-Chlorotoluene
 Concen: 96.330 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

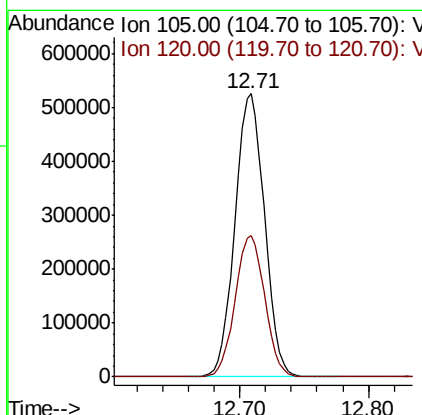
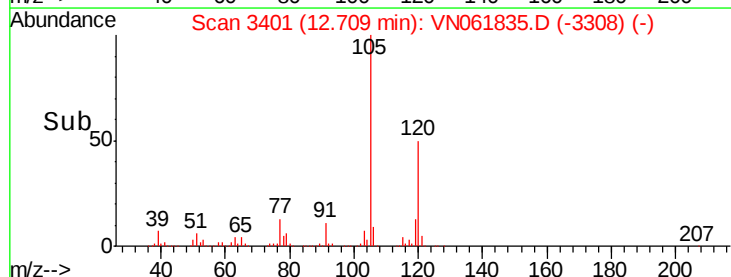
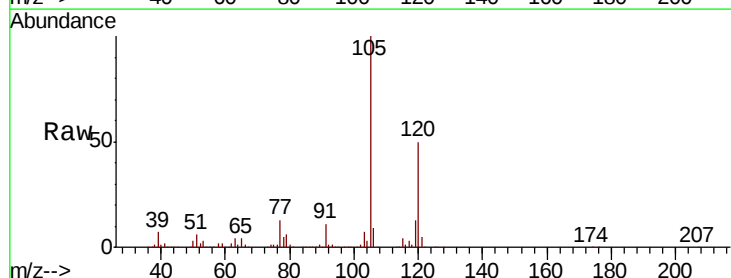
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

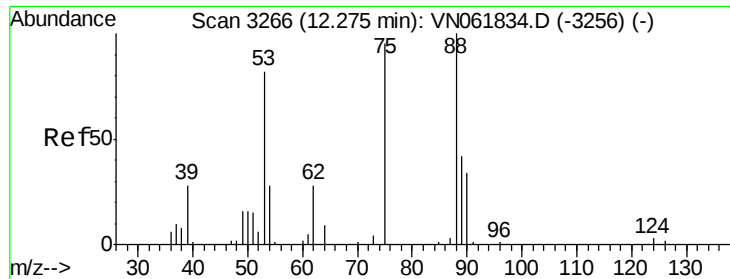
Tot Ion: 91 Resp: 666185
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 96.566 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion: 105 Resp: 835781
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 103.795 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

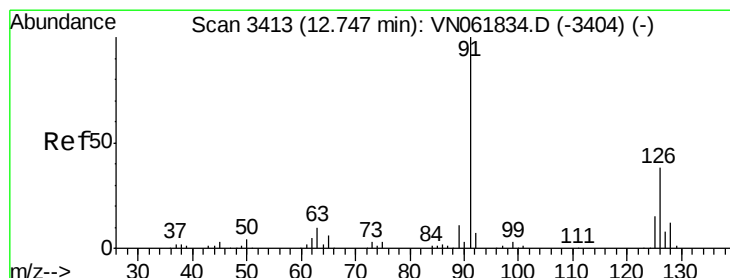
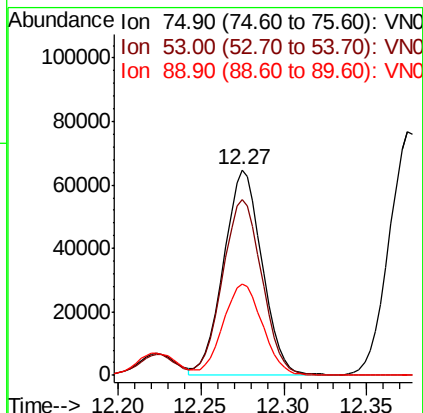
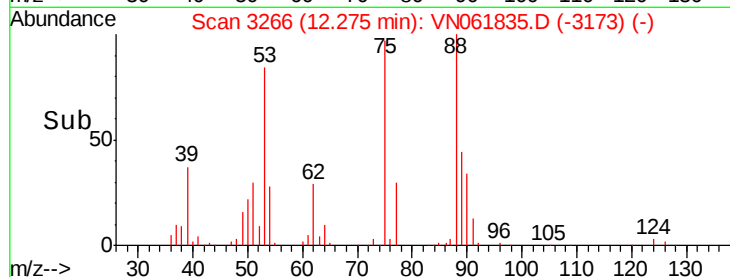
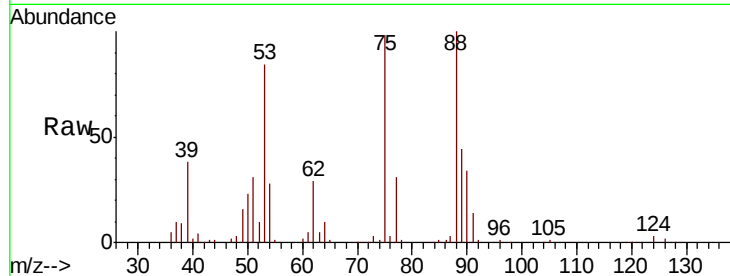
Tot Ion: 75 Resp: 104711

Ion Ratio Lower Upper

75 100

53 88.0 70.4 105.6

89 45.5 36.0 54.0



#82

4-Chlorotoluene

Concen: 96.787 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061835.D

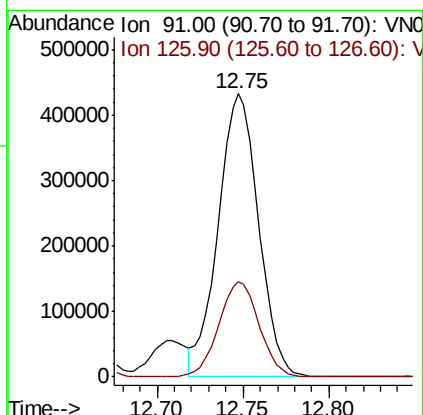
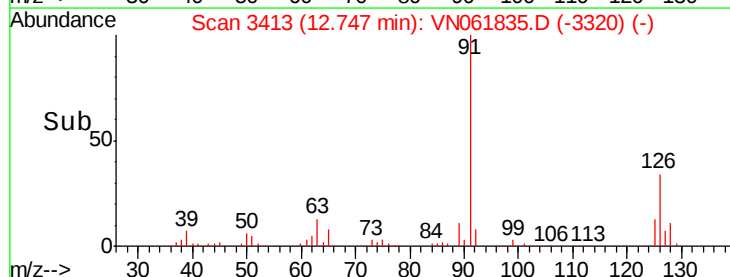
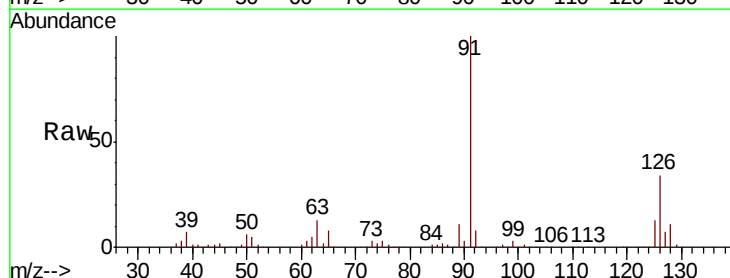
Acq: 16 Jun 2020 19:01

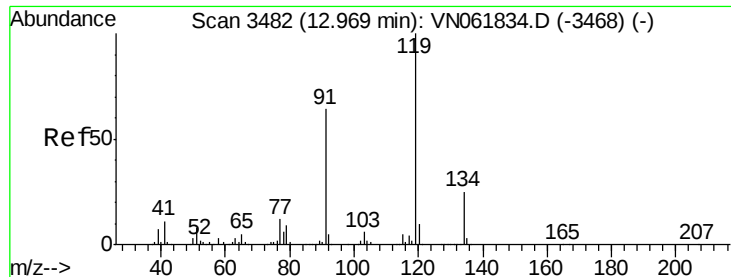
Tgt Ion: 91 Resp: 703111

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.6

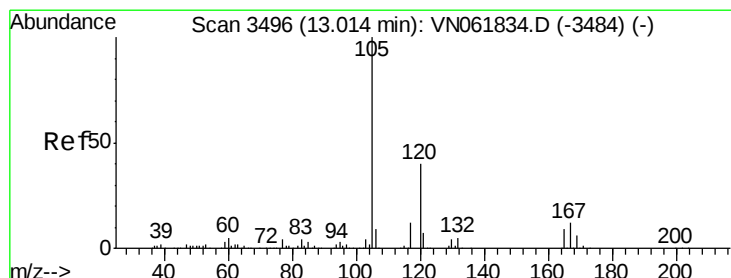
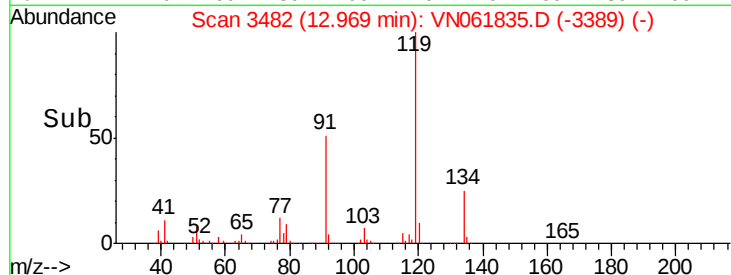
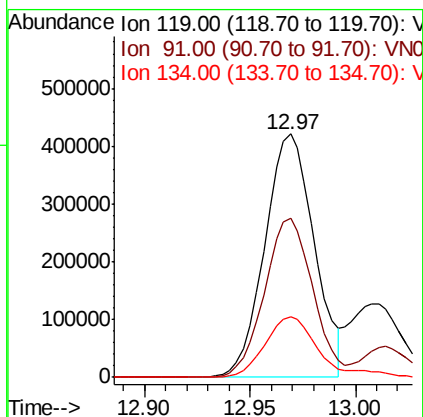
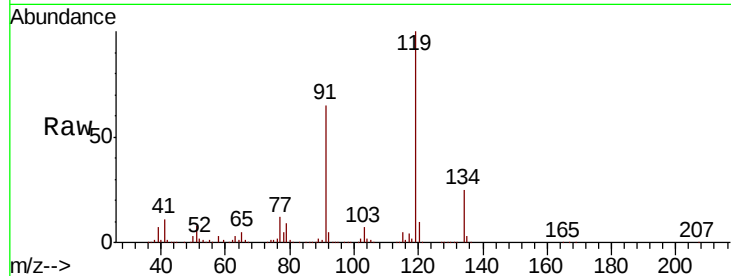




#83
tert-Butylbenzene
Concen: 90.144 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

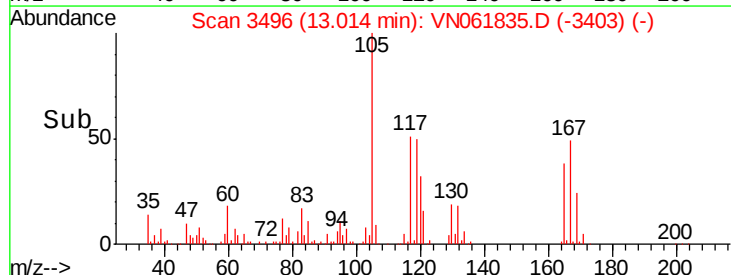
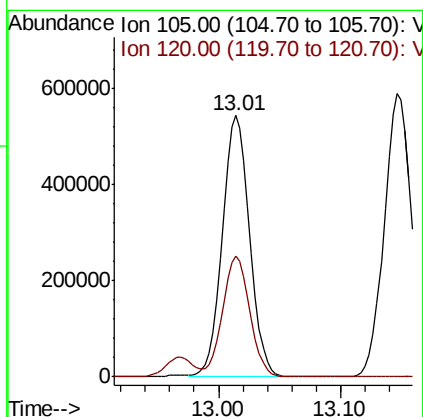
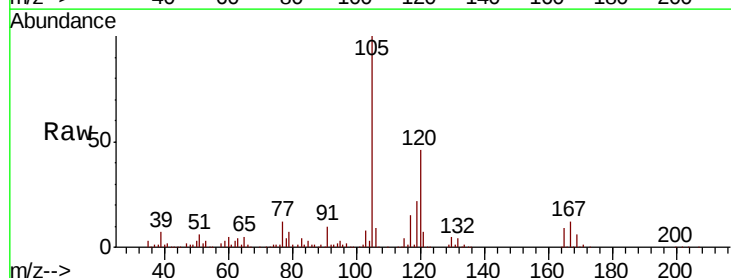
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

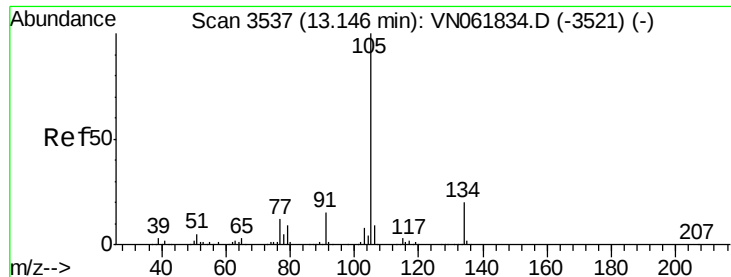
Tot Ion:119 Resp: 686010
Ion Ratio Lower Upper
119 100
91 63.7 31.5 94.5
134 27.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 98.755 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion:105 Resp: 849102
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.9

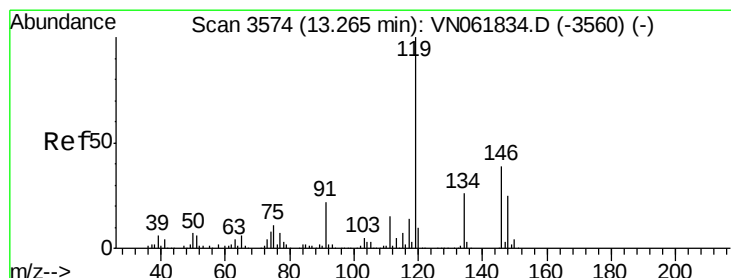
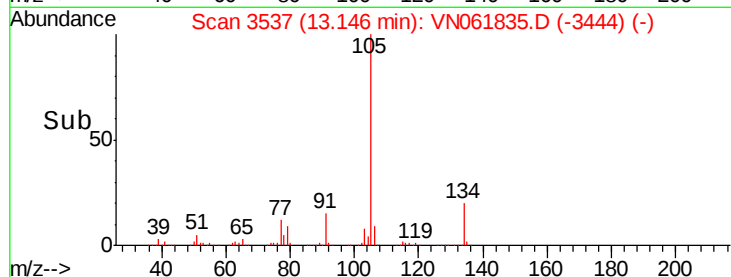
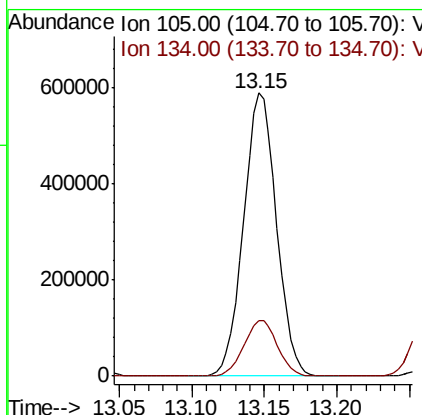
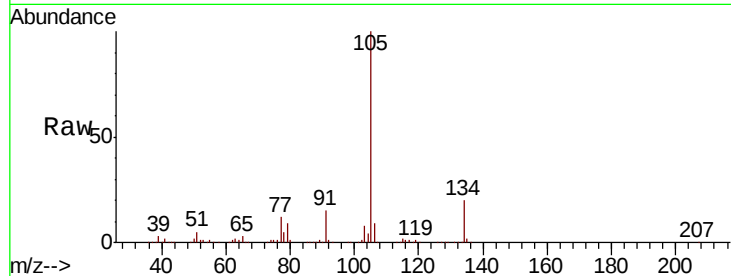




#85
 sec-Butylbenzene
 Concen: 94.218 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

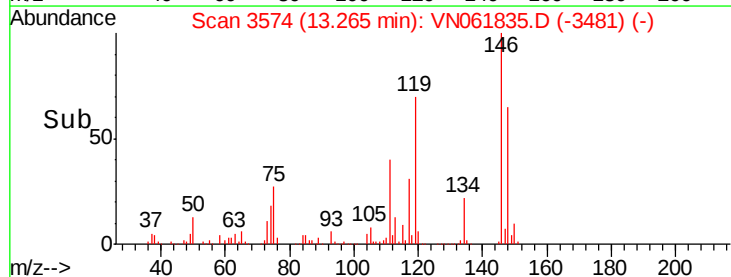
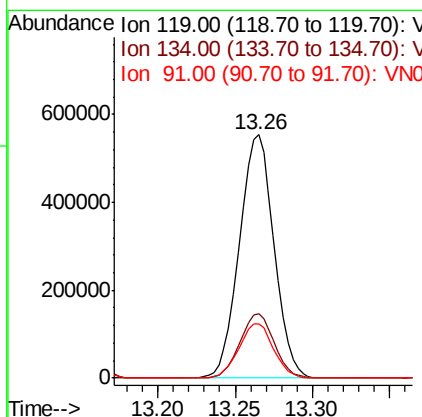
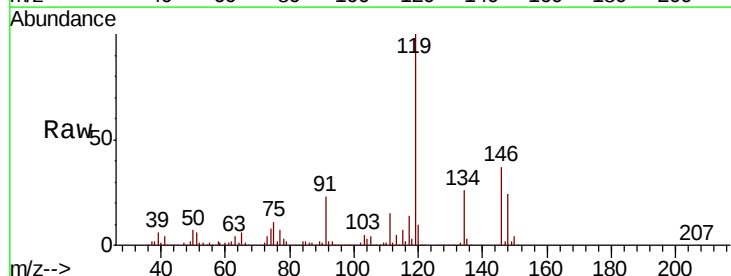
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

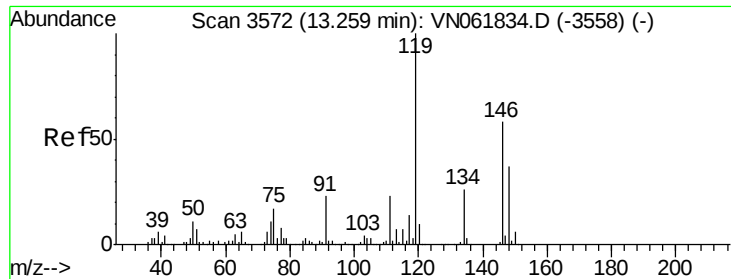
Tot Ion:105 Resp: 924333
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 95.396 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion:119 Resp: 859447
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 22.2 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 95.582 ug/l

RT: 13.26 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

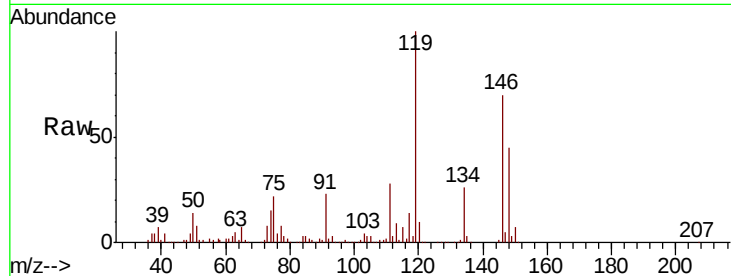
Tot Ion:146 Resp: 447031

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.8

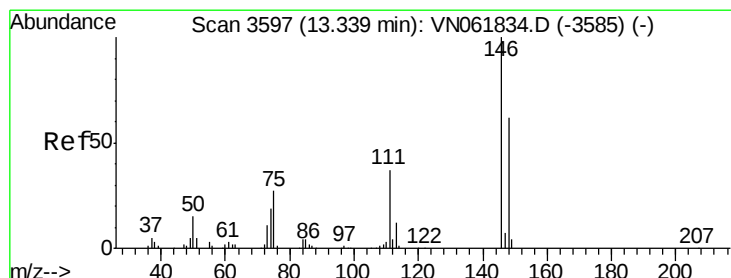
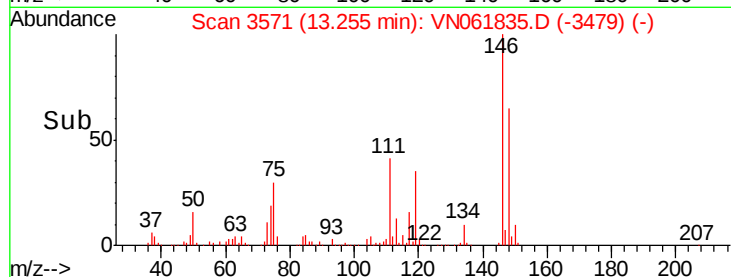
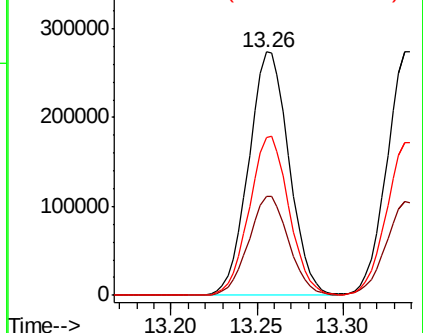
148 64.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 94.511 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

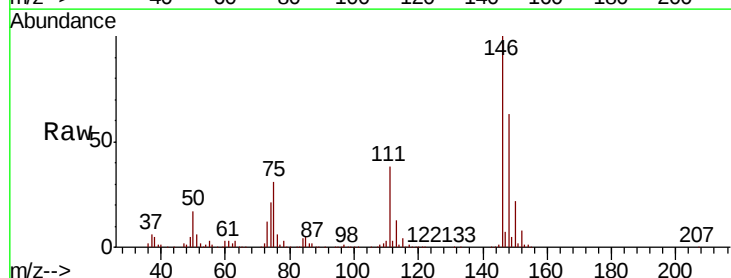
Tgt Ion:146 Resp: 449771

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

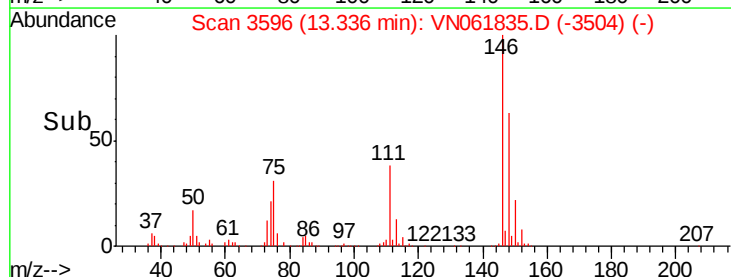
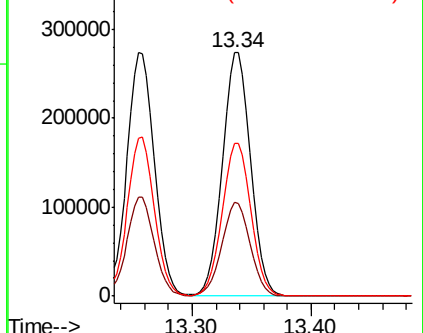
148 63.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

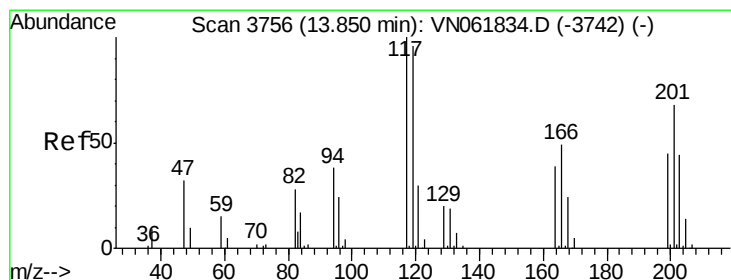
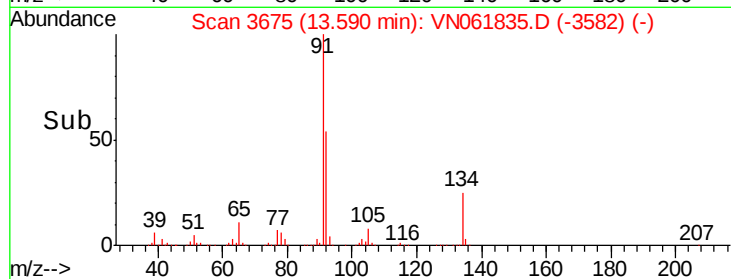
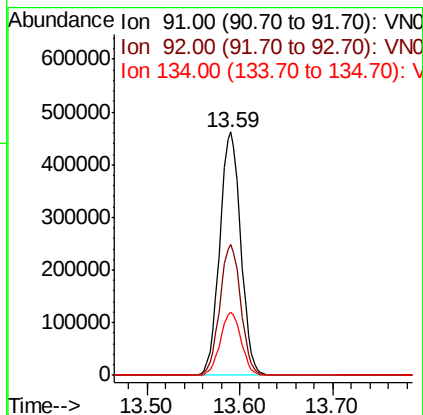
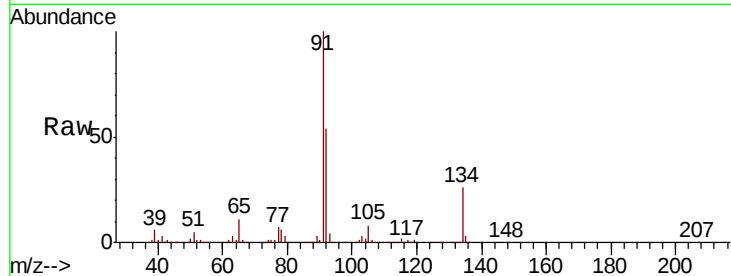




#89
n-Butylbenzene
Concen: 96.292 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

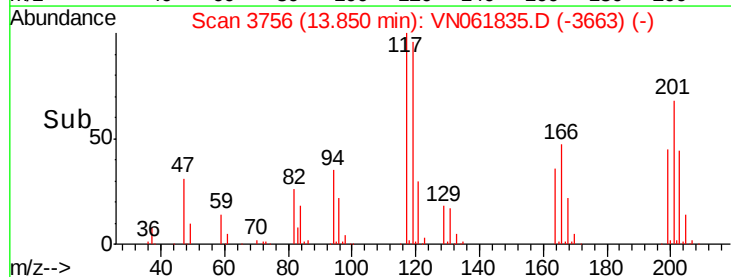
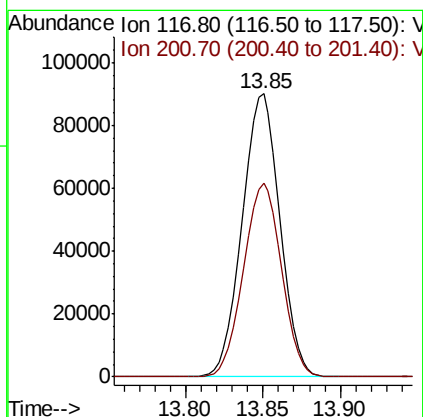
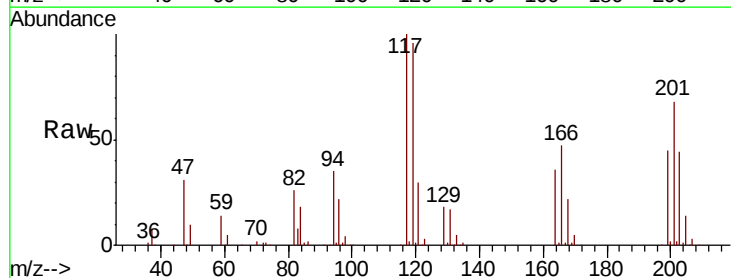
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 724488
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 25.8 13.0 39.0



#90
Hexachloroethane
Concen: 139.825 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061835.D
Acq: 16 Jun 2020 19:01

Tgt Ion: 117 Resp: 153026
Ion Ratio Lower Upper
117 100
201 68.9 34.6 103.8

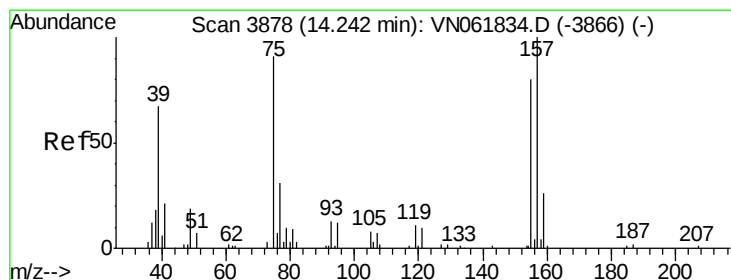
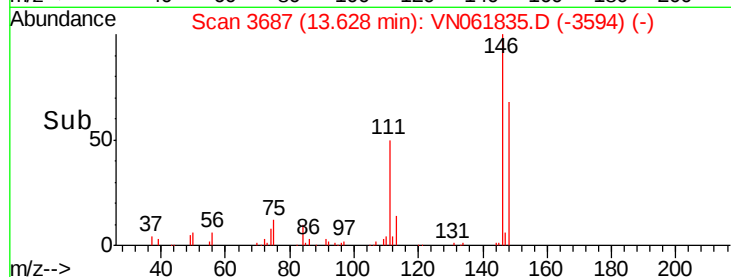
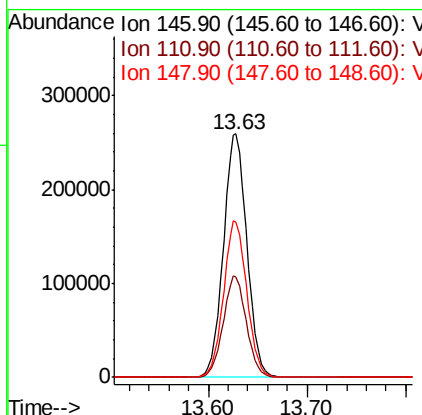
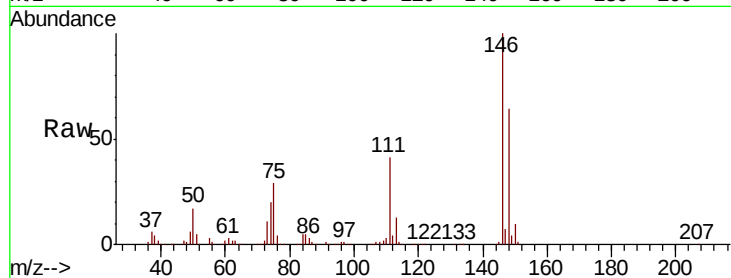




#91
 1,2-Dichlorobenzene
 Concen: 96.807 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

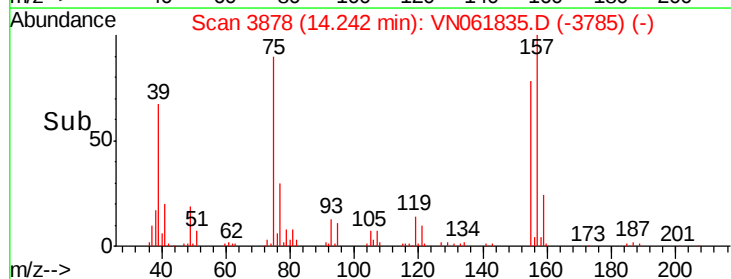
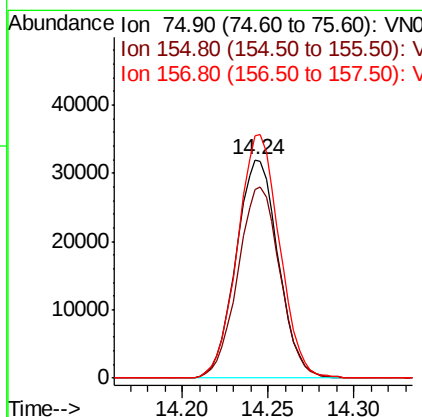
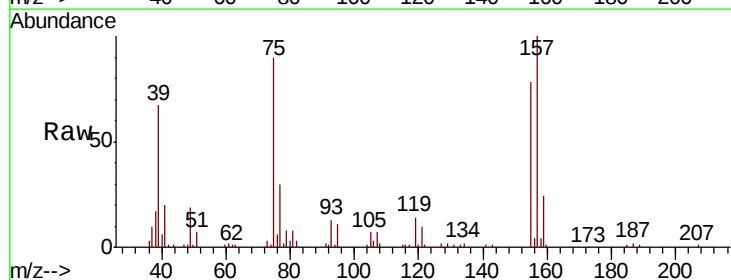
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

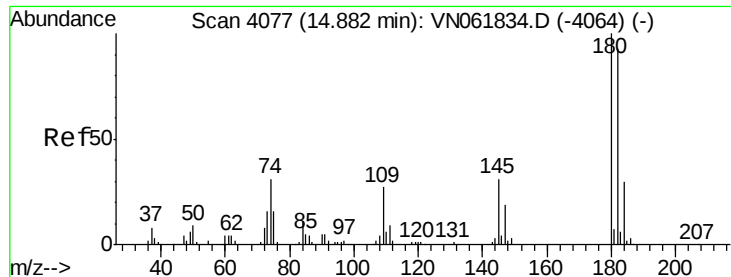
Tot Ion:146 Resp: 433278
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.2
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.911 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion: 75 Resp: 54522
 Ion Ratio Lower Upper
 75 100
 155 87.4 44.4 133.2
 157 110.9 57.0 171.2

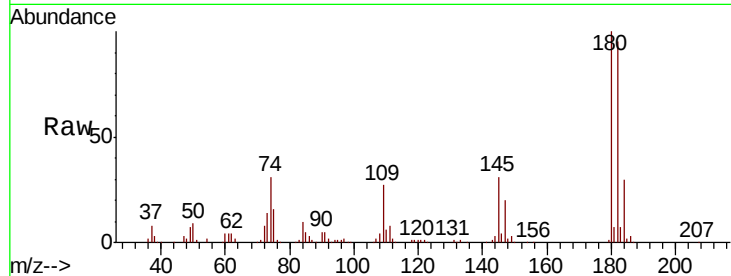




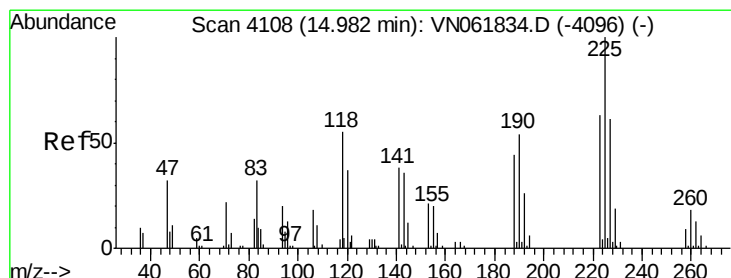
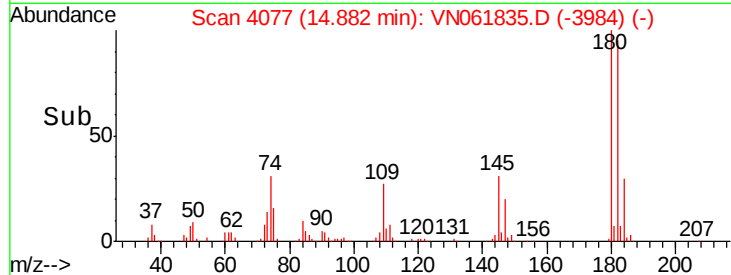
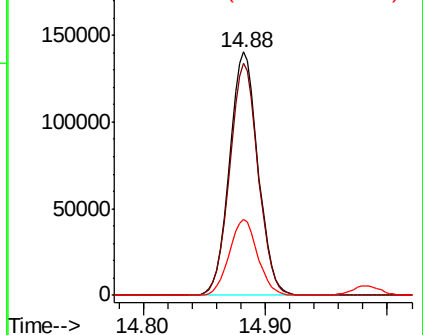
#93
 1,2,4-Trichlorobenzene
 Concen: 90.080 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:180 Resp: 228103
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.0 141.2
 145 31.1 15.8 47.3

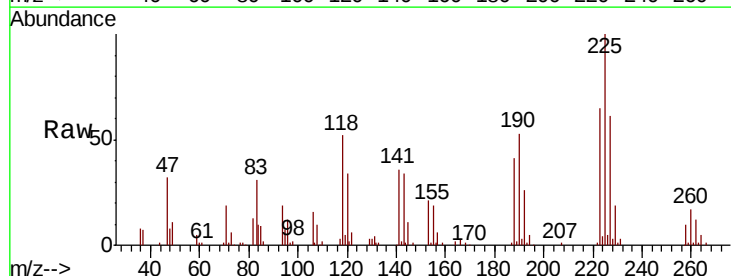


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

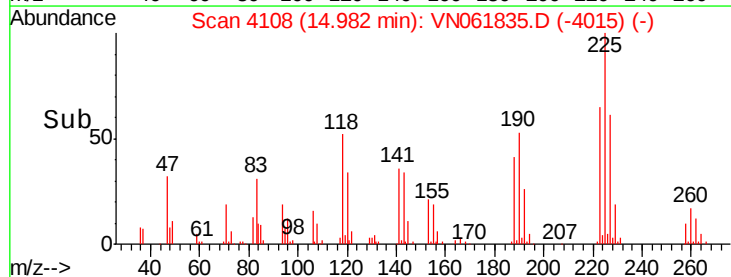
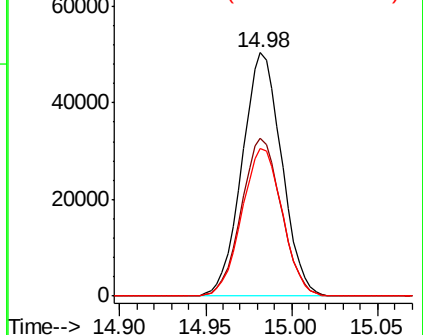


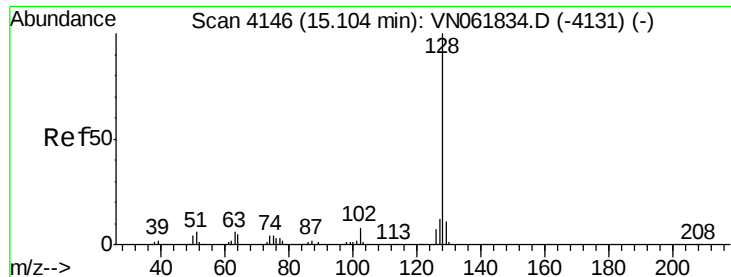
#94
 Hexachlorobutadiene
 Concen: 74.953 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061835.D
 Acq: 16 Jun 2020 19:01

Tgt Ion:225 Resp: 80715
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.7 95.1
 227 61.9 30.1 90.3



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





#95

Naphthalene

Concen: 92.520 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

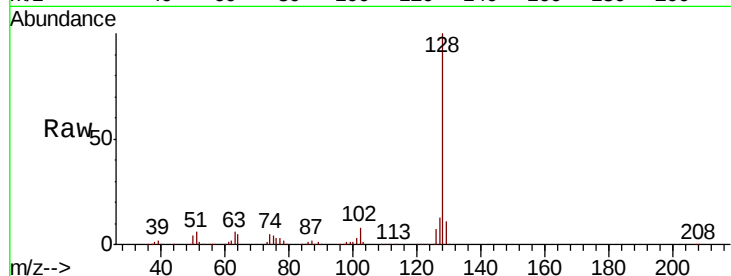
Tot Ion:128 Resp: 704308

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

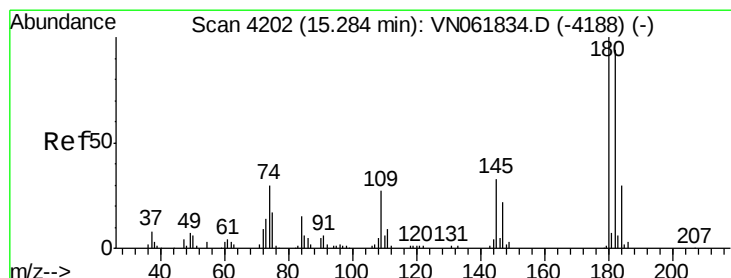
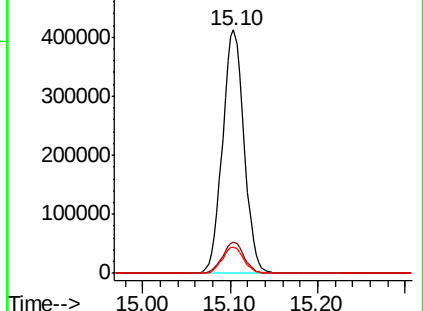
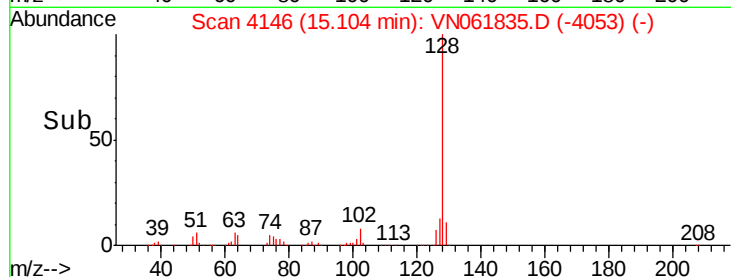
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 90.209 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061835.D

Acq: 16 Jun 2020 19:01

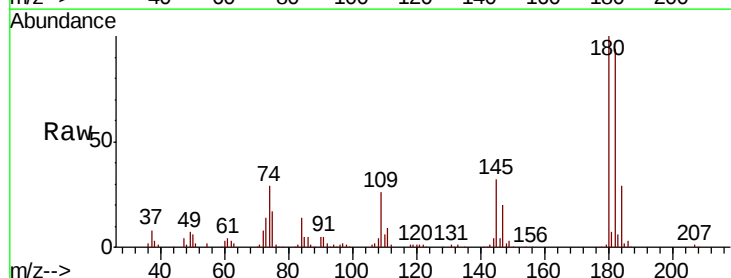
Tgt Ion:180 Resp: 224645

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.6

145 32.4 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

