

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061836.D
 Acq On : 16 Jun 2020 19:25
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 17 00:55:55 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	167346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141655	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	341336	168.91	ug/l	0.00
Spiked Amount			Recovery	=	337.82%	
35) Dibromofluoromethane	7.55	113	285622	188.57	ug/l	0.00
Spiked Amount			Recovery	=	377.14%	
50) Toluene-d8	10.06	98	1163426	171.94	ug/l	0.00
Spiked Amount			Recovery	=	343.88%	
62) 4-Bromofluorobenzene	12.38	95	420802	171.53	ug/l	0.00
Spiked Amount			Recovery	=	343.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	329593	182.600	ug/l	98
3) Chloromethane	2.03	50	344142	163.764	ug/l	97
4) Vinyl Chloride	2.16	62	424803	150.853	ug/l	99
5) Bromomethane	2.50	94	292628	173.116	ug/l	97
6) Chloroethane	2.65	64	254551	139.189	ug/l	100
7) Trichlorofluoromethane	2.97	101	516027	143.978	ug/l	98
8) Diethyl Ether	3.37	74	173425	154.654	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	250913	153.928	ug/l	99
10) Methyl Iodide	3.91	142	338945	155.705	ug/l	99
11) Tert butyl alcohol	4.74	59	237073	865.992	ug/l	98
12) 1,1-Dichloroethene	3.69	96	261002	150.705	ug/l	96
13) Acrolein	3.56	56	137049	1127.169	ug/l	99
14) Allyl chloride	4.27	41	358531	158.384	ug/l	99
15) Acrylonitrile	4.93	53	621092	828.581	ug/l	99
16) Acetone	3.77	43	462199	646.365	ug/l	99
17) Carbon Disulfide	4.00	76	777547	193.379	ug/l	100
18) Methyl Acetate	4.27	43	284013	155.337	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	889611	151.808	ug/l	98
20) Methylene Chloride	4.50	84	303877	122.500	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	297108	151.674	ug/l	99
22) Diisopropyl ether	5.90	45	834684	167.763	ug/l	98
23) Vinyl Acetate	5.84	43	3401533	859.061	ug/l	98
24) 1,1-Dichloroethane	5.80	63	506662	159.507	ug/l	99
25) 2-Butanone	6.78	43	768869	804.916	ug/l	99
26) 2,2-Dichloropropane	6.77	77	411471	142.924	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	344357	156.269	ug/l	100
28) Bromochloromethane	7.15	49	236338	170.299	ug/l	96
29) Tetrahydrofuran	7.17	42	506264	805.540	ug/l	98
30) Chloroform	7.33	83	527108	151.102	ug/l	100
31) Cyclohexane	7.61	56	439897	155.230	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	463530	147.185	ug/l	100
36) 1,1-Dichloropropene	7.75	75	410420	159.777	ug/l	99
37) Ethyl Acetate	6.88	43	330228	161.272	ug/l	99
38) Carbon Tetrachloride	7.73	117	394354	159.412	ug/l	97

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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	468129	150.347	ug/l	99
40) Benzene	8.00	78	1236797	156.450	ug/l	98
41) Methacrylonitrile	7.16	41	472098	503.391	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	412540	155.235	ug/l	100
43) Isopropyl Acetate	8.13	43	578557	157.511	ug/l #	90
44) Trichloroethene	8.80	130	319406	135.615	ug/l	98
45) 1,2-Dichloropropane	9.08	63	307188	162.595	ug/l	97
46) Dibromomethane	9.17	93	214521	149.890	ug/l	99
47) Bromodichloromethane	9.37	83	438230	154.532	ug/l	99
48) Methyl methacrylate	9.17	41	268354	161.790	ug/l	97
49) 1,4-Dioxane	9.17	88	121140	4344.387	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1739775	837.156	ug/l	100
52) Toluene	10.12	92	818839	159.238	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	505852	165.731	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	539485	163.691	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	310211	151.742	ug/l	99
56) Ethyl methacrylate	10.40	69	478763	168.963	ug/l	98
57) 1,3-Dichloropropane	10.68	76	530761	161.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	909524	763.437	ug/l	99
59) 2-Hexanone	10.72	43	1295402	867.859	ug/l	99
60) Dibromochloromethane	10.87	129	353941	153.961	ug/l	100
61) 1,2-Dibromoethane	10.98	107	325623	153.373	ug/l	99
64) Tetrachloroethene	10.60	164	264492	107.650	ug/l	100
65) Chlorobenzene	11.41	112	869198	151.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	318564	150.293	ug/l	100
67) Ethyl Benzene	11.48	91	1573043	158.600	ug/l	100
68) m/p-Xylenes	11.60	106	1225234	312.651	ug/l	100
69) o-Xylene	11.92	106	592718	159.044	ug/l	99
70) Styrene	11.94	104	1052560	170.368	ug/l	100
71) Bromoform	12.10	173	248896	154.085	ug/l #	99
73) Isopropylbenzene	12.22	105	1555545	149.444	ug/l	100
74) N-amyl acetate	12.05	43	587046	178.903	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	458829	154.909	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	596350	228.767	ug/l #	100
77) Bromobenzene	12.50	156	378850	143.936	ug/l	99
78) n-propylbenzene	12.57	91	1784489	153.240	ug/l	100
79) 2-Chlorotoluene	12.65	91	1045025	150.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1322644	152.257	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	166627	164.563	ug/l	99
82) 4-Chlorotoluene	12.75	91	1130214	155.009	ug/l	99
83) tert-Butylbenzene	12.97	119	1101032	144.148	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	1351776	156.642	ug/l	99
85) sec-Butylbenzene	13.15	105	1463242	148.601	ug/l	99
86) p-Isopropyltoluene	13.26	119	1361091	150.523	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	710093	151.271	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	704421	147.477	ug/l	99
89) n-Butylbenzene	13.59	91	1163768	154.109	ug/l	100
90) Hexachloroethane	13.85	117	242314	220.598	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	667566	148.607	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	86388	146.674	ug/l	99

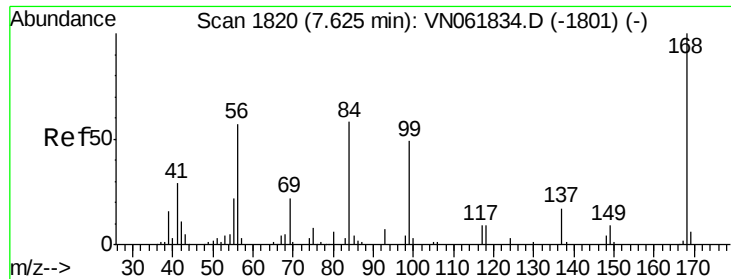
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 00:50:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	372012	146.372	ug/l	99
94) Hexachlorobutadiene	14.99	225	125206	115.841	ug/l	98
95) Naphthalene	15.10	128	1136693	148.772	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	361760	144.736	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: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

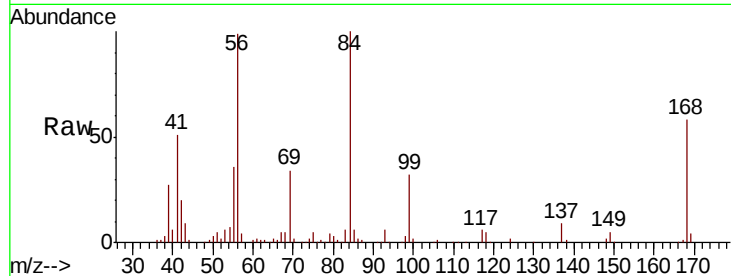
VSTDIC150

Tot Ion:168 Resp: 167346

Ion Ratio Lower Upper

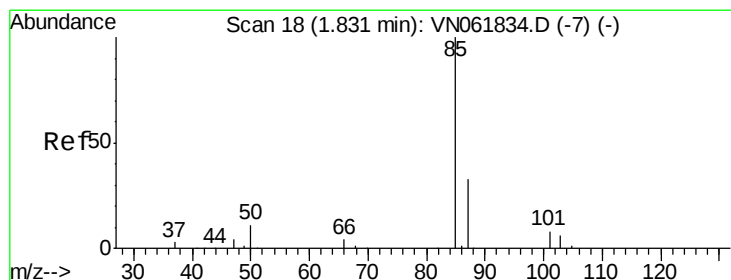
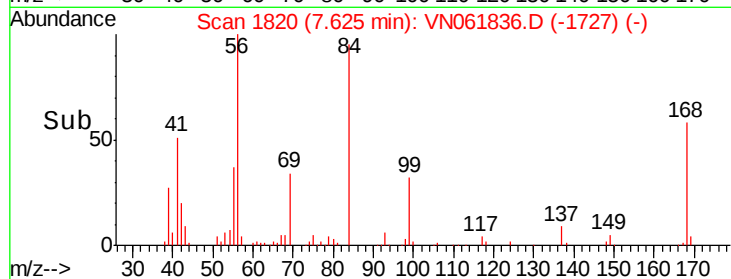
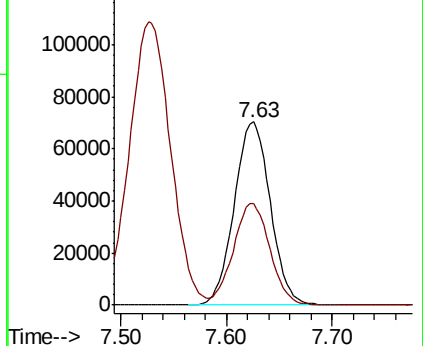
168 100

99 54.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 182.600 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN061836.D

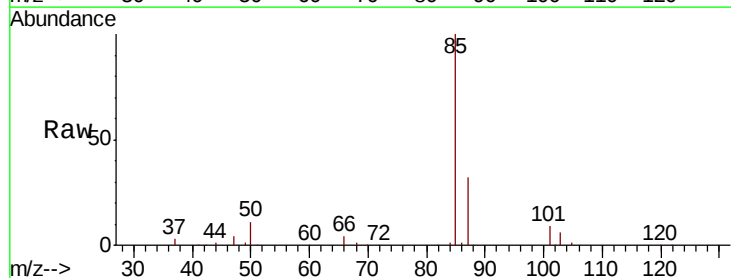
Acq: 16 Jun 2020 19:25

Tgt Ion: 85 Resp: 329593

Ion Ratio Lower Upper

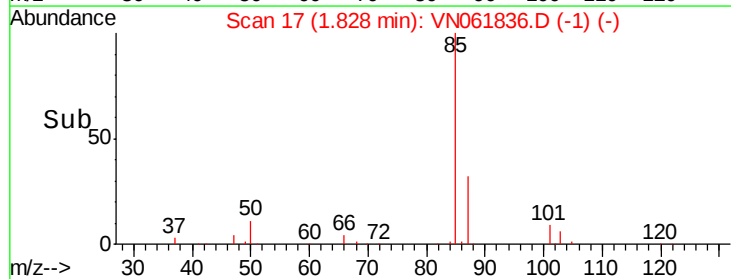
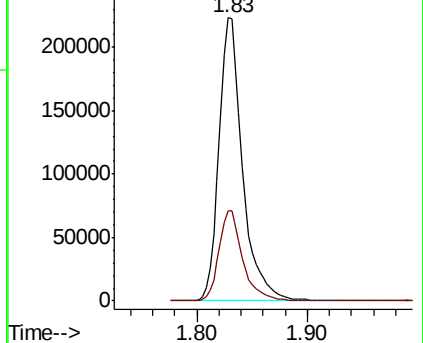
85 100

87 32.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

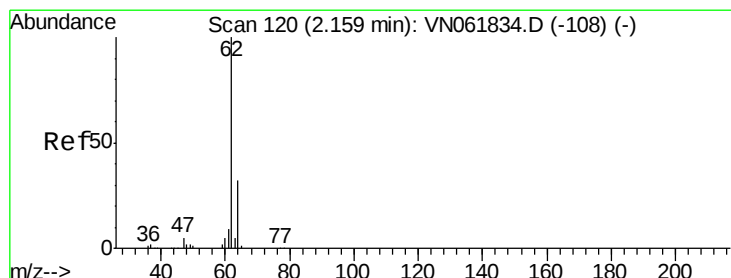
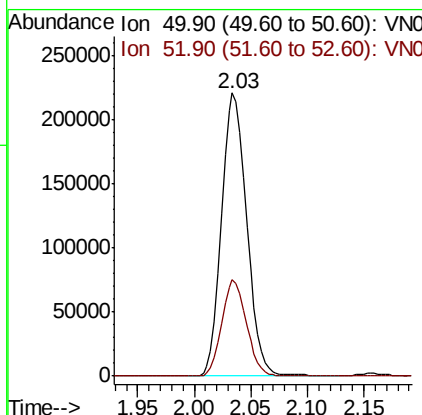
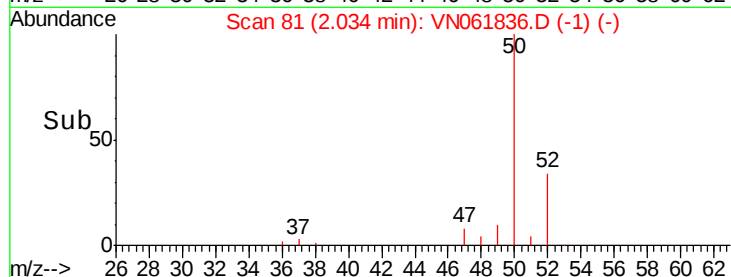
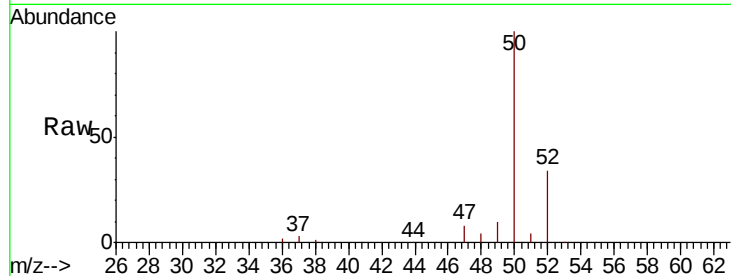




#3
Chloromethane
Concen: 163.764 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

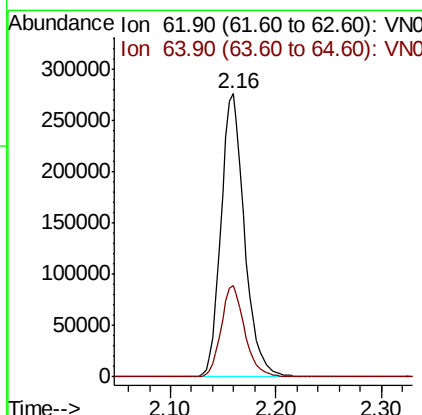
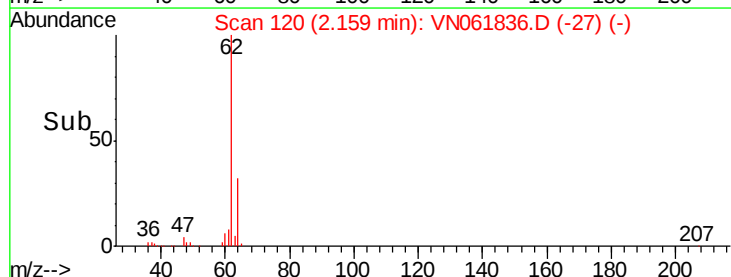
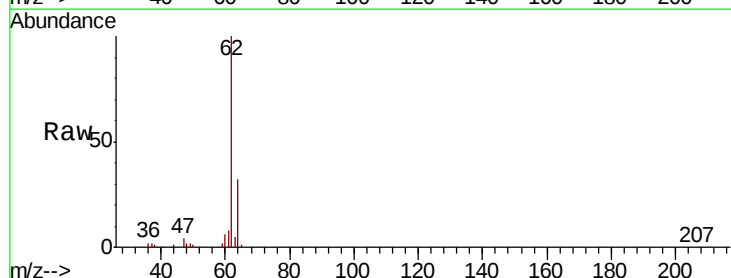
Instrument :
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ClientSampleId :
VSTDIC150

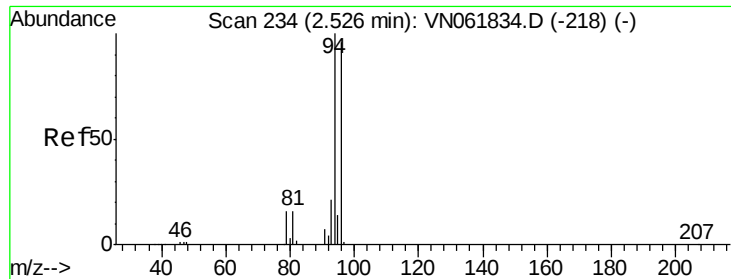
Tot Ion: 50 Resp: 344142
Ion Ratio Lower Upper
50 100
52 34.0 26.0 39.0



#4
Vinyl Chloride
Concen: 150.853 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 62 Resp: 424803
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3





#5

Bromomethane

Concen: 173.116 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.03 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

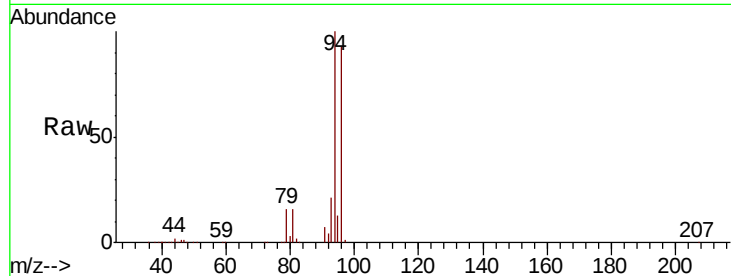
VSTDIC150

Tot Ion: 94 Resp: 292628

Ion Ratio Lower Upper

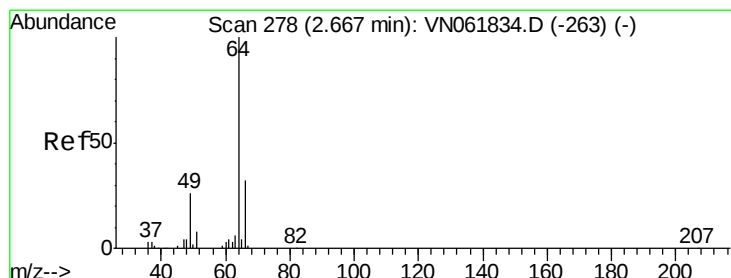
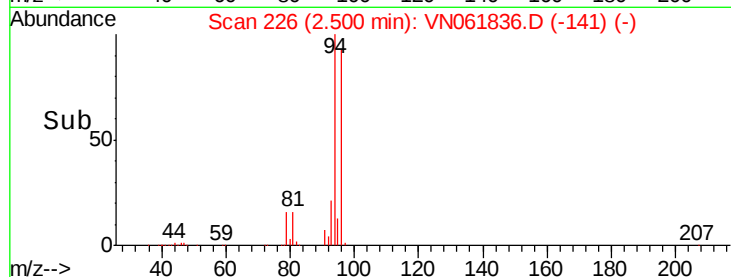
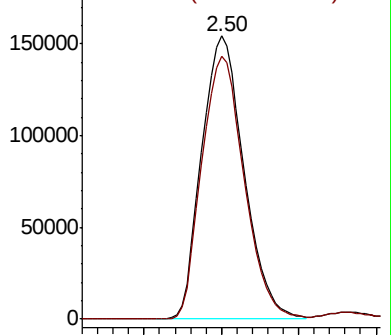
94 100

96 92.9 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: 139.189 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.02 min

Lab File: VN061836.D

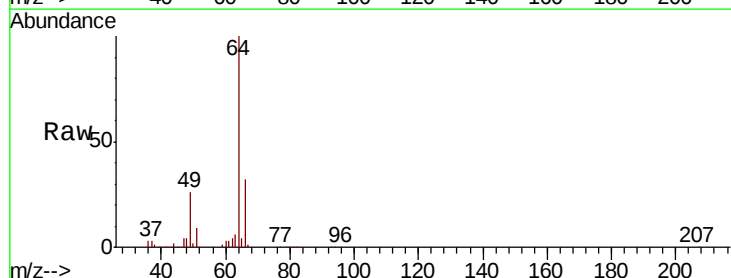
Acq: 16 Jun 2020 19:25

Tgt Ion: 64 Resp: 254551

Ion Ratio Lower Upper

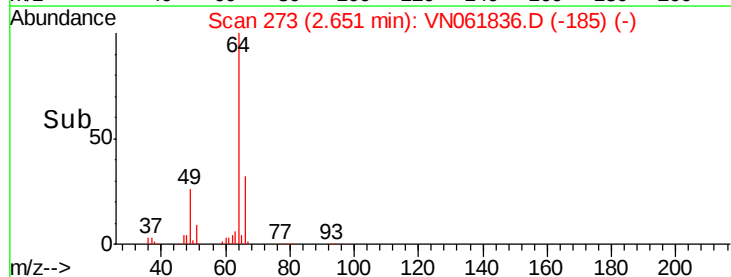
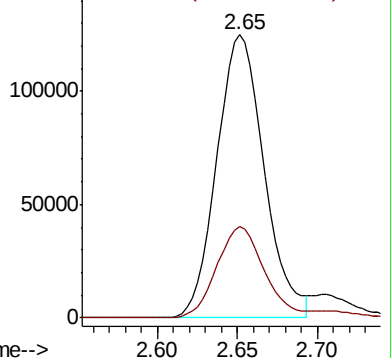
64 100

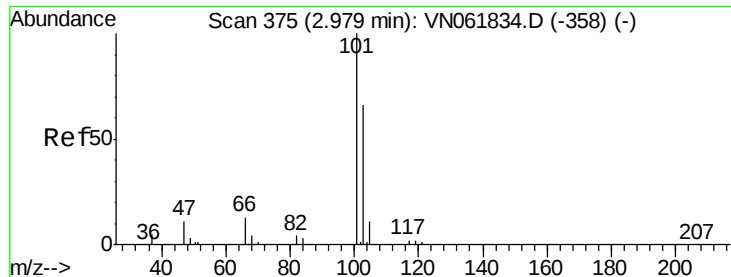
66 32.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



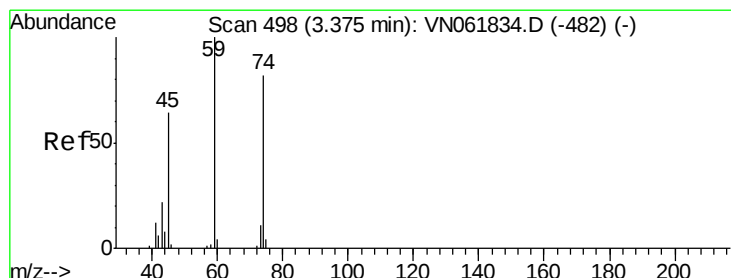
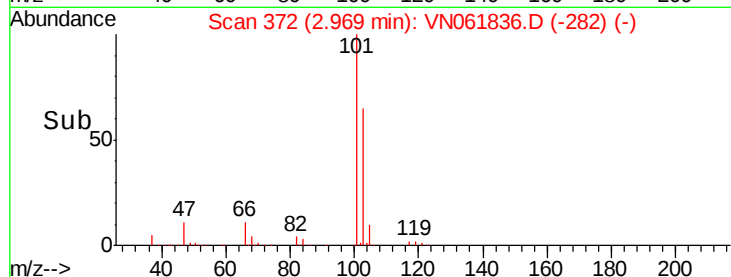
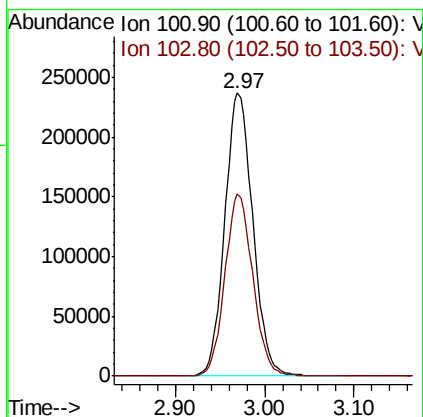
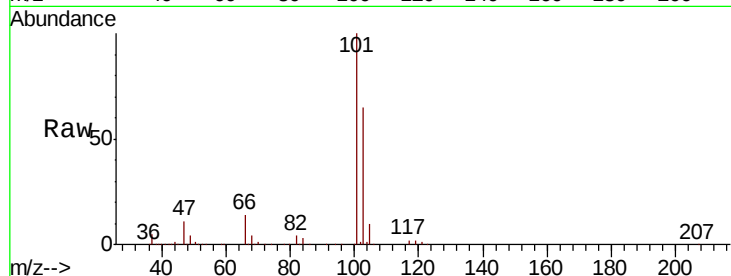


#7

Trichlorofluoromethane
 Concen: 143.978 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Instrument :
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 ClientSampleId :
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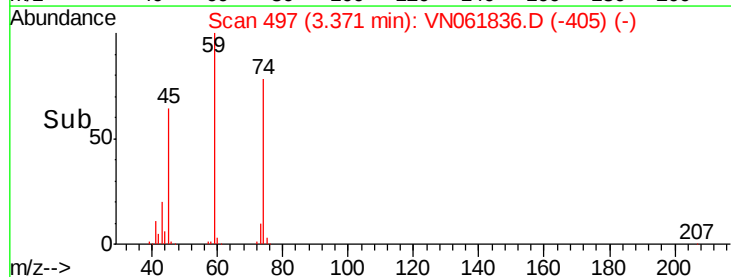
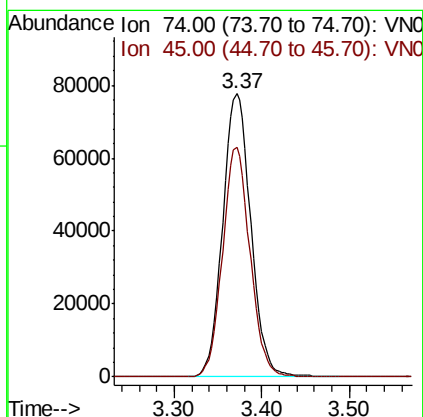
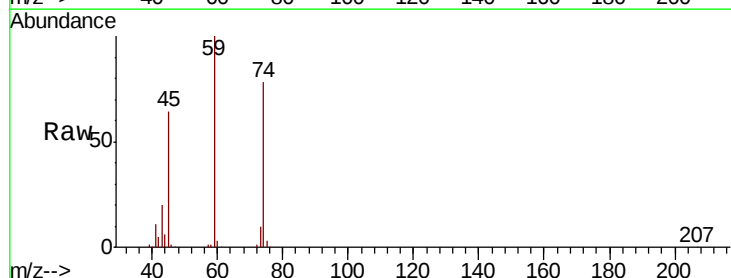
Tot Ion:101 Resp: 516027
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

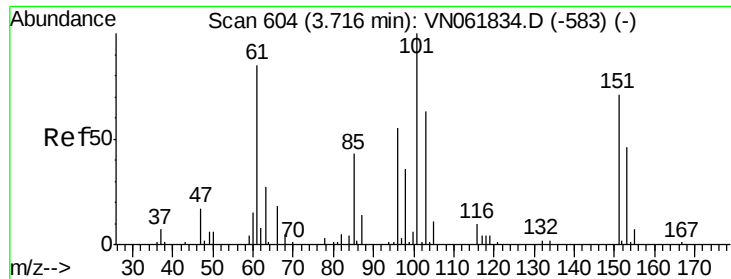


#8

Diethyl Ether
 Concen: 154.654 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion: 74 Resp: 173425
 Ion Ratio Lower Upper
 74 100
 45 79.3 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.928 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

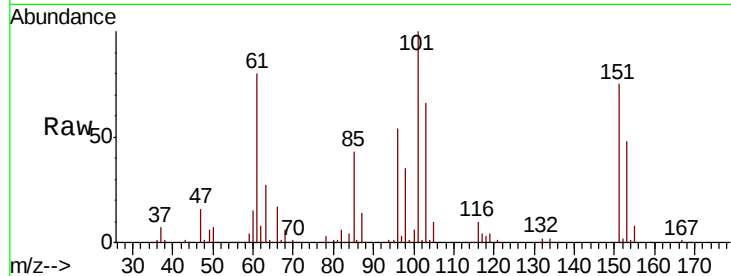
Tot Ion:101 Resp: 250913

Ion Ratio Lower Upper

101 100

85 43.6 35.0 52.6

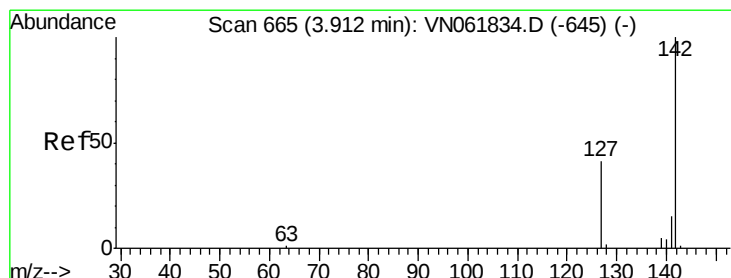
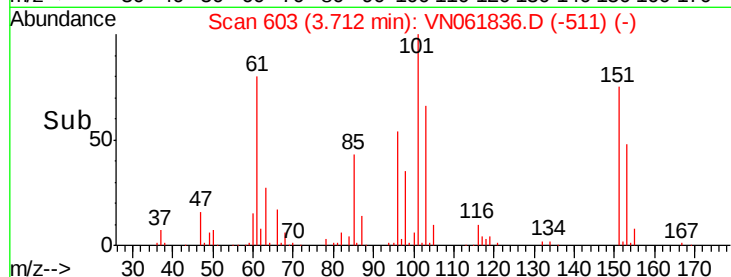
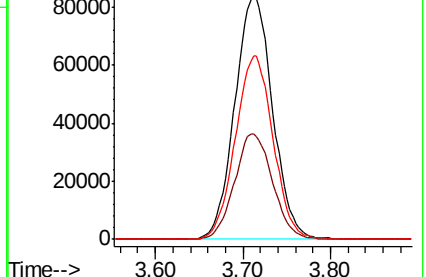
151 75.2 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 155.705 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

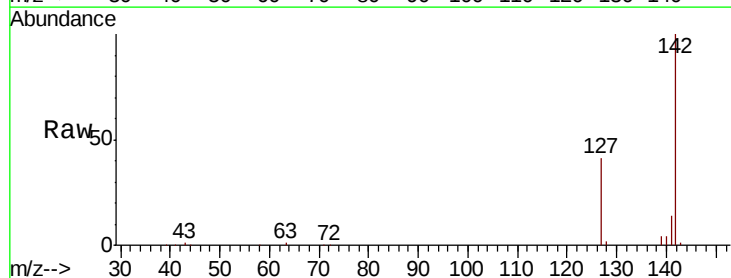
Tgt Ion:142 Resp: 338945

Ion Ratio Lower Upper

142 100

127 40.7 33.4 50.0

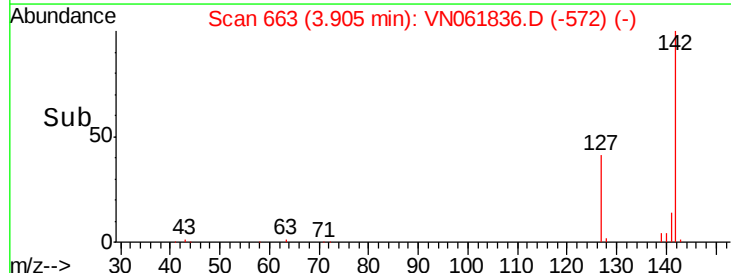
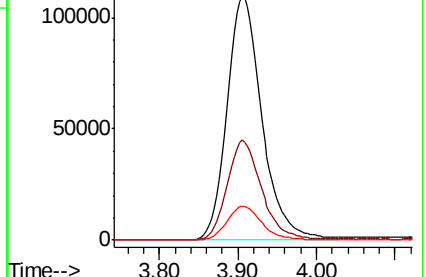
141 14.0 11.3 16.9

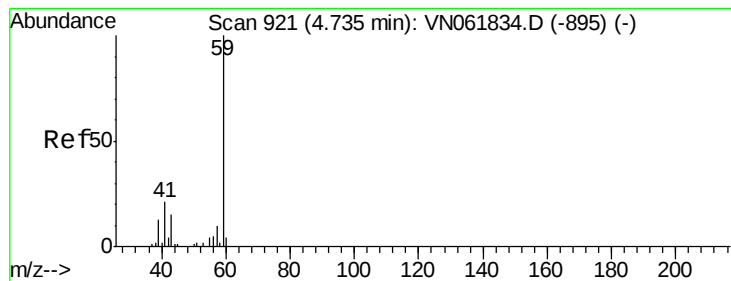


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



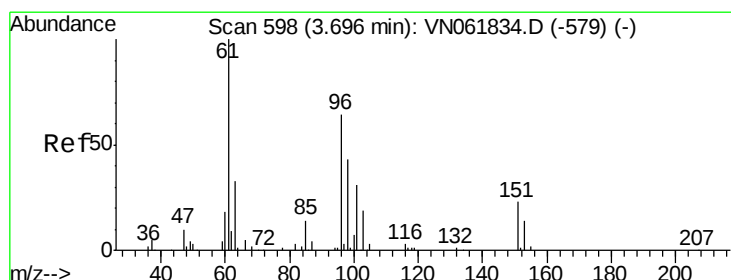
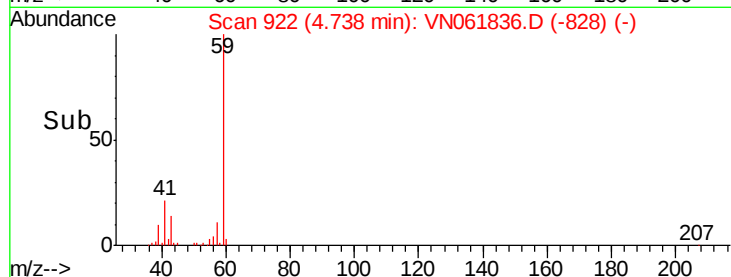
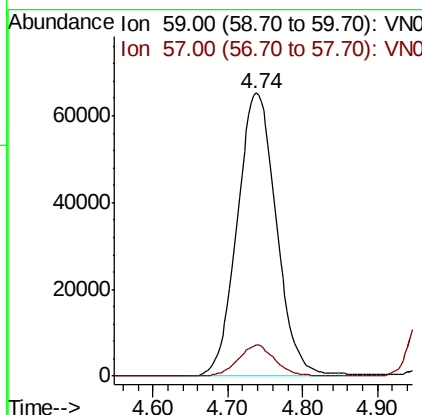
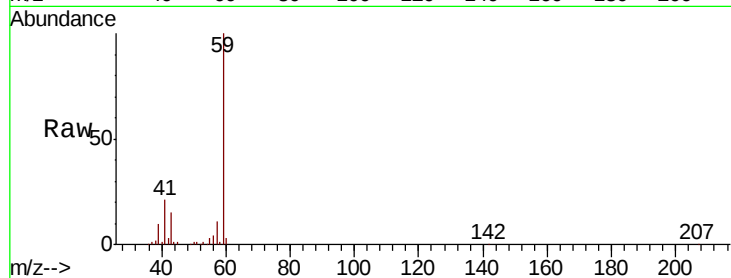


#11

Tert butyl alcohol
 Concen: 865.992 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

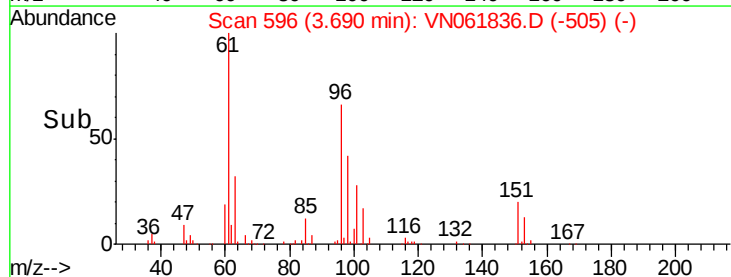
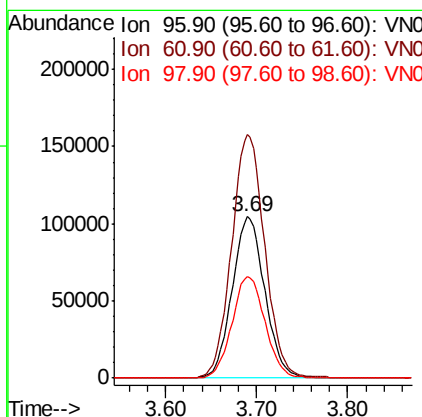
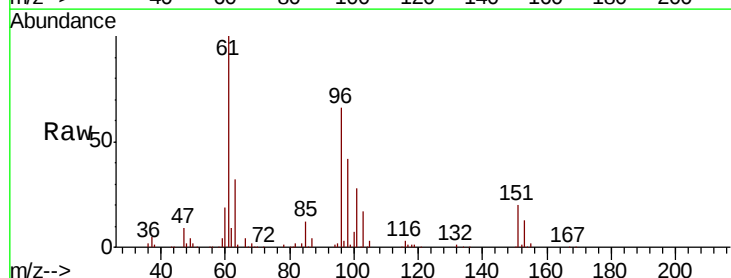
Tot Ion: 59 Resp: 237073
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.7 11.5

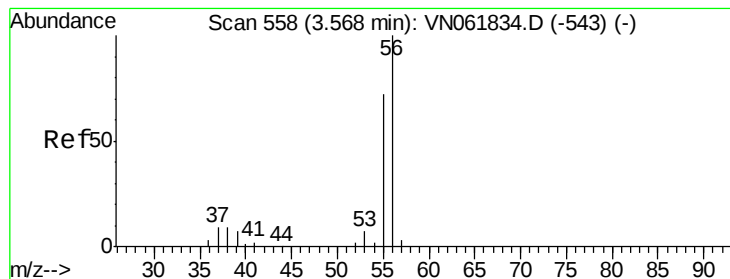


#12

1,1-Dichloroethene
 Concen: 150.705 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion: 96 Resp: 261002
 Ion Ratio Lower Upper
 96 100
 61 151.1 124.3 186.5
 98 62.8 53.1 79.7





#13

Acrolein

Concen: 1127.169 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

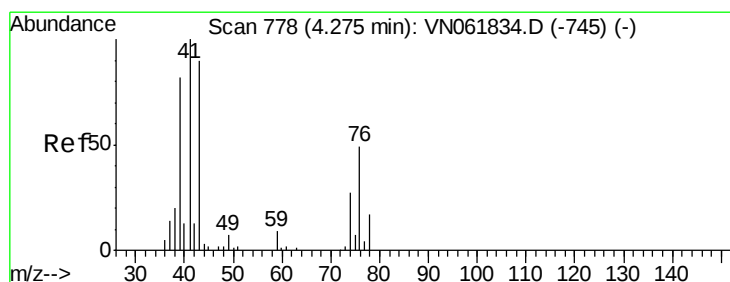
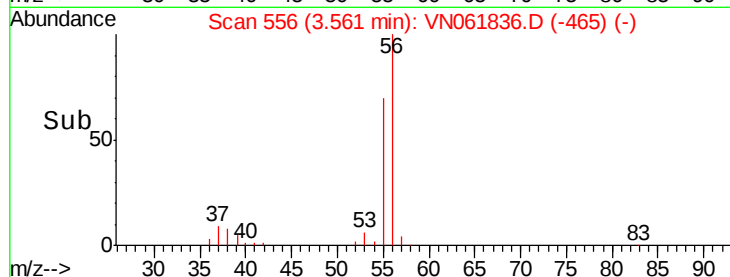
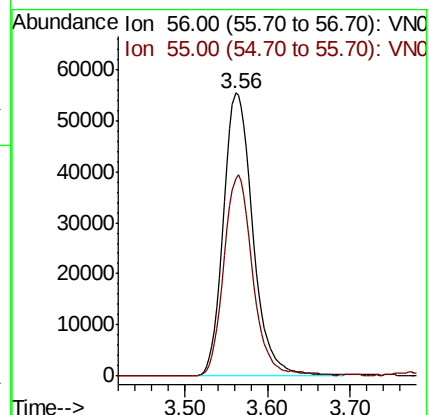
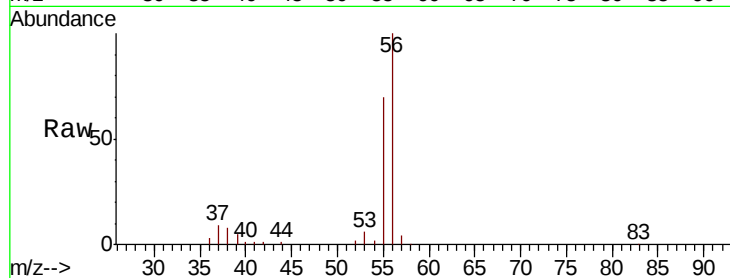
VSTDIC150

Tot Ion: 56 Resp: 137049

Ion Ratio Lower Upper

56 100

55 69.4 56.2 84.4



#14

Allyl chloride

Concen: 158.384 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

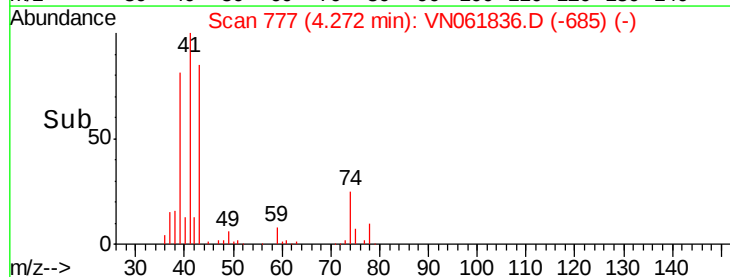
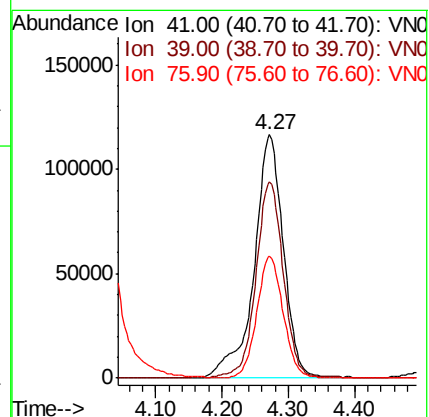
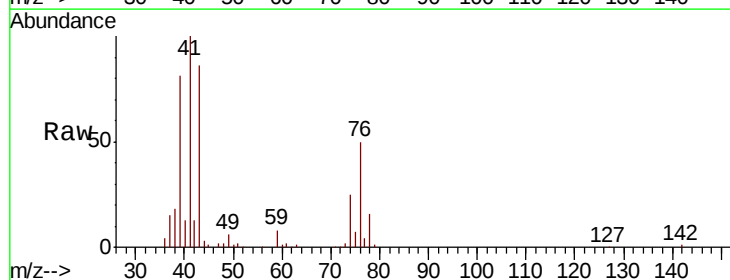
Tgt Ion: 41 Resp: 358531

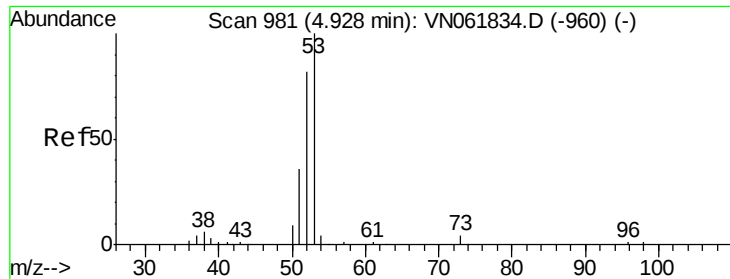
Ion Ratio Lower Upper

41 100

39 75.2 60.2 90.2

76 44.1 36.3 54.5





#15

Acrylonitrile

Concen: 828.581 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

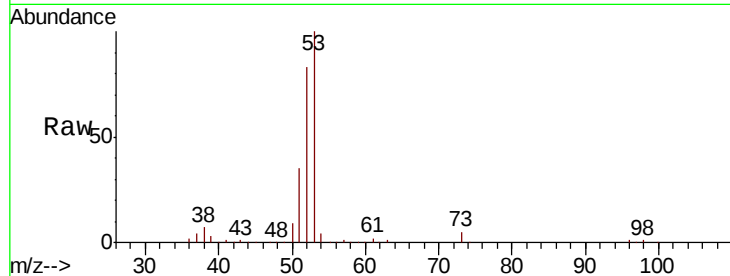
Tot Ion: 53 Resp: 621092

Ion Ratio Lower Upper

53 100

52 82.7 65.2 97.8

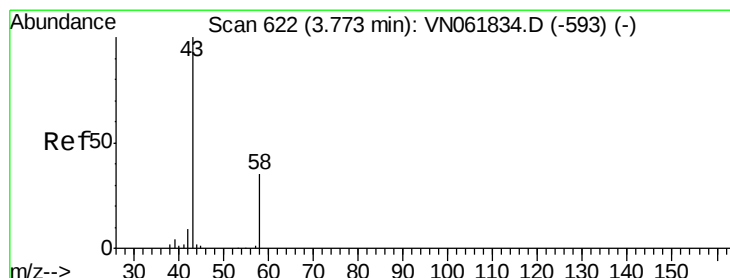
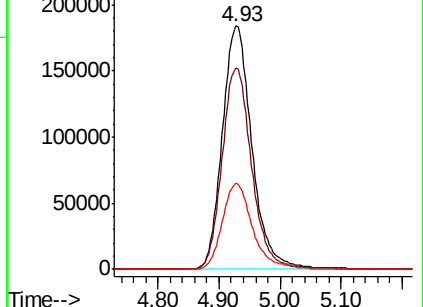
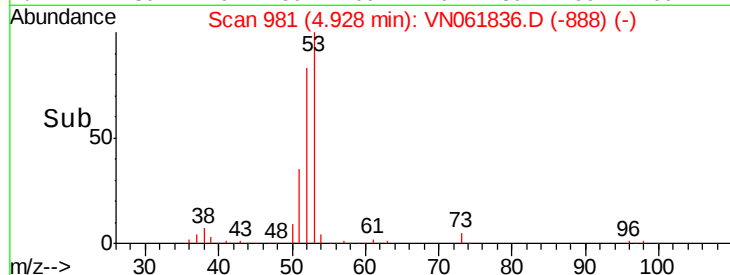
51 36.3 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061836.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN061836.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN061836.D (-888) (-)



#16

Acetone

Concen: 646.365 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061836.D

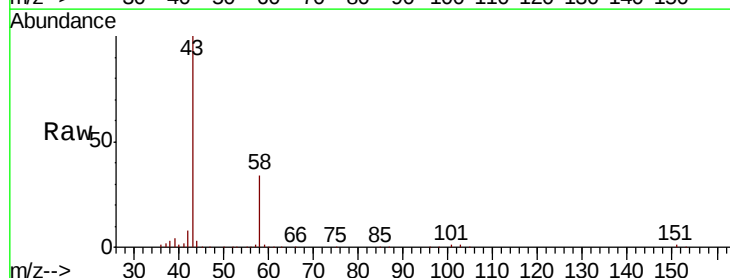
Acq: 16 Jun 2020 19:25

Tgt Ion: 43 Resp: 462199

Ion Ratio Lower Upper

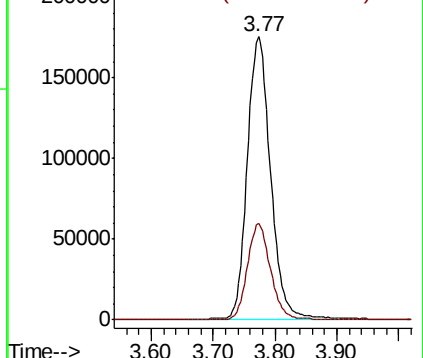
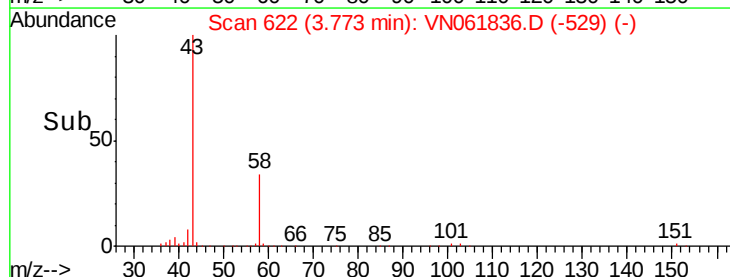
43 100

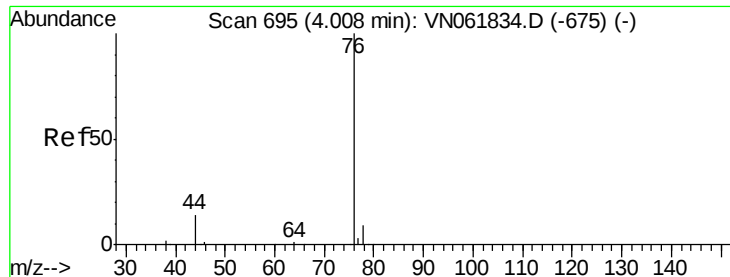
58 34.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061836.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061836.D (-529) (-)

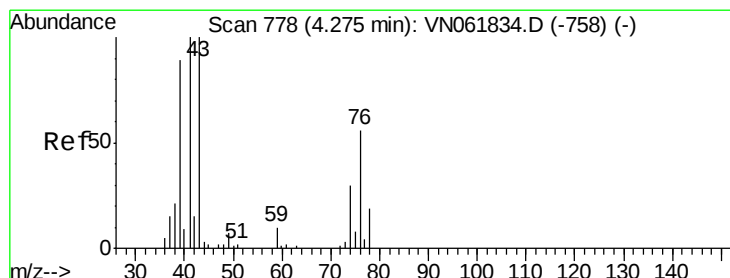
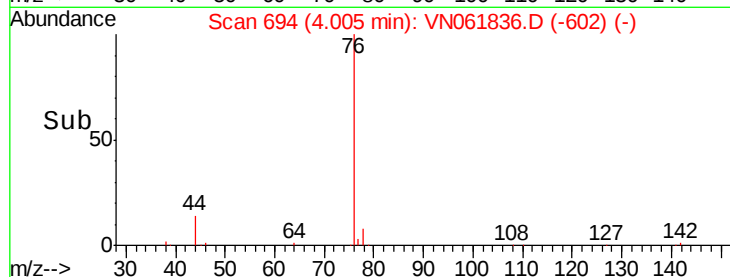
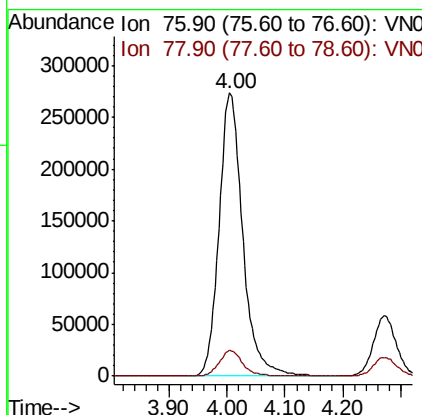
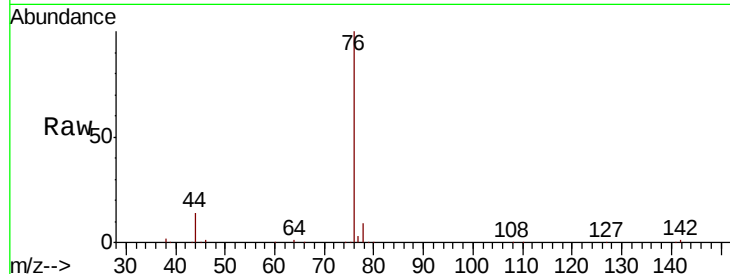




#17
Carbon Disulfide
Concen: 193.379 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

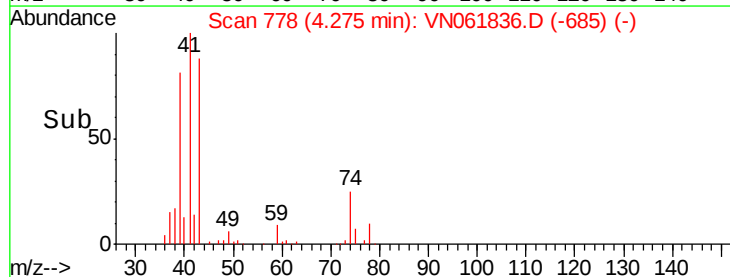
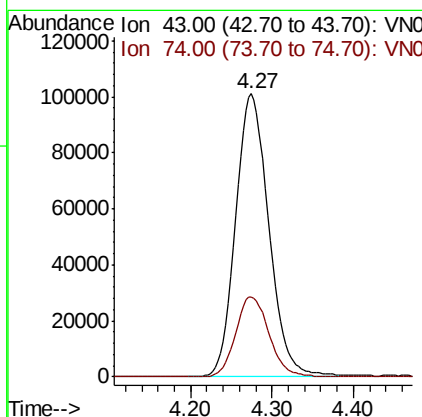
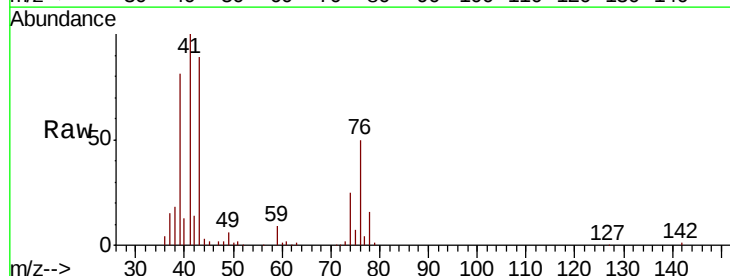
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

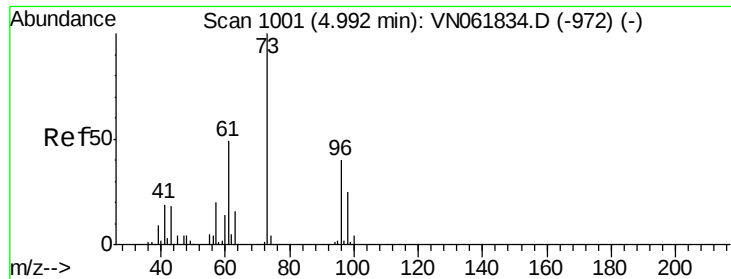
Tot Ion: 76 Resp: 777547
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 155.337 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 43 Resp: 284013
Ion Ratio Lower Upper
43 100
74 28.5 23.0 34.4

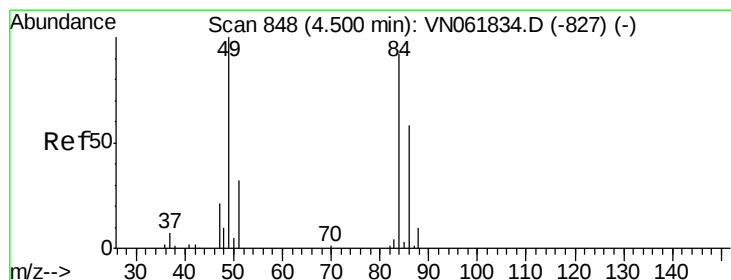
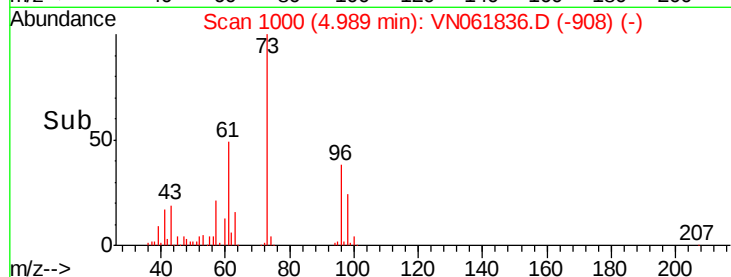
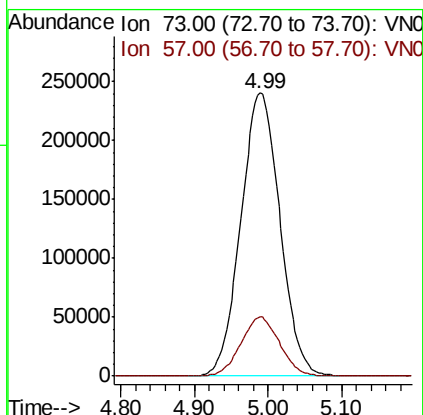
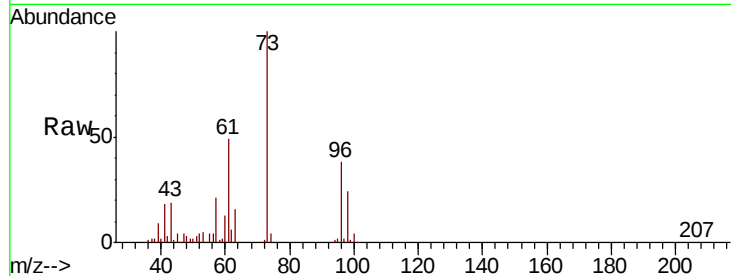




#19
Methvl tert-butvl Ether
Concen: 151.808 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

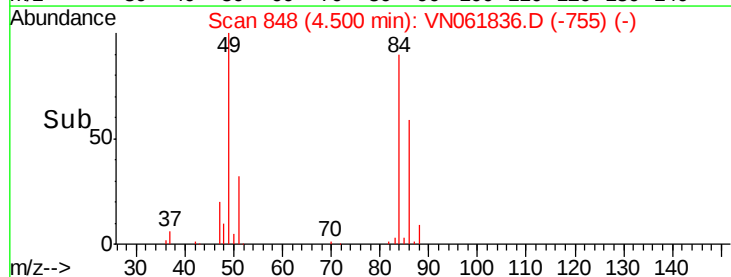
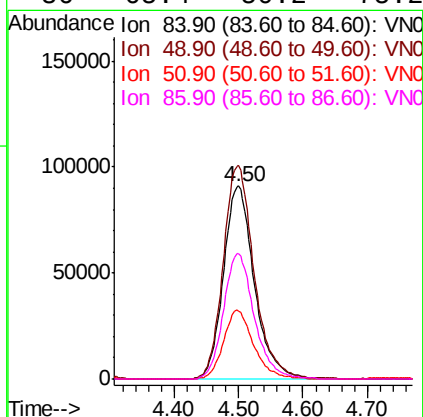
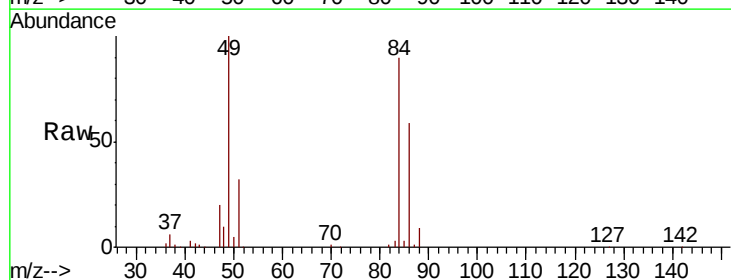
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

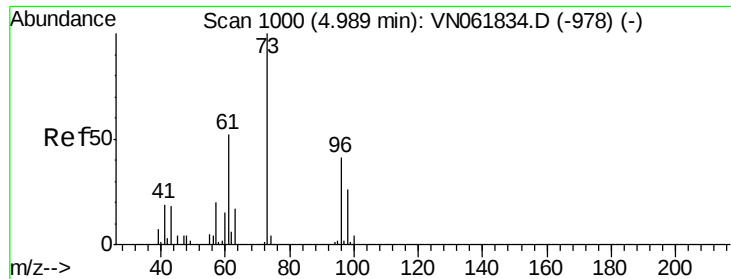
Tot Ion: 73 Resp: 889611
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.4



#20
Methylene Chloride
Concen: 122.500 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 84 Resp: 303877
Ion Ratio Lower Upper
84 100
49 110.8 87.0 130.4
51 35.4 27.8 41.6
86 65.4 50.2 75.2

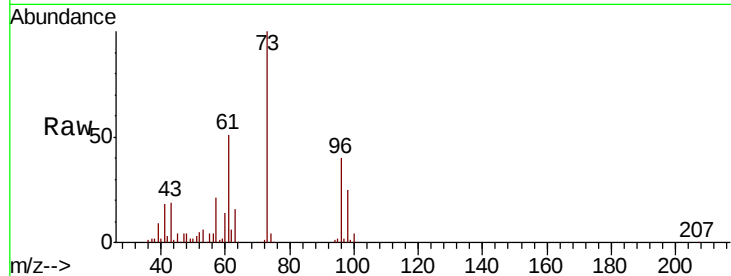




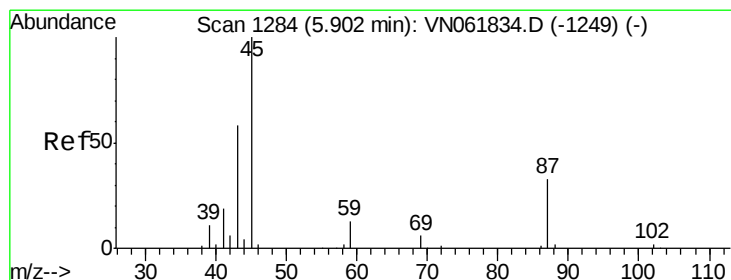
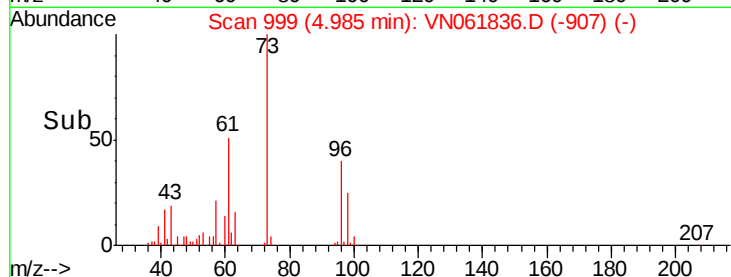
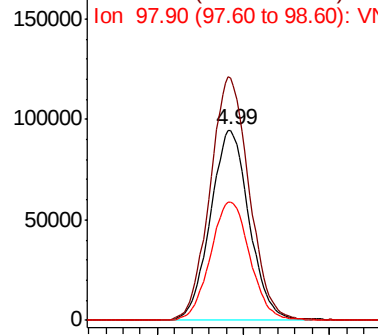
#21
trans-1,2-Dichloroethene
Concen: 151.674 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 96 Resp: 297108
Ion Ratio Lower Upper
96 100
61 127.7 102.2 153.4
98 62.3 51.2 76.8

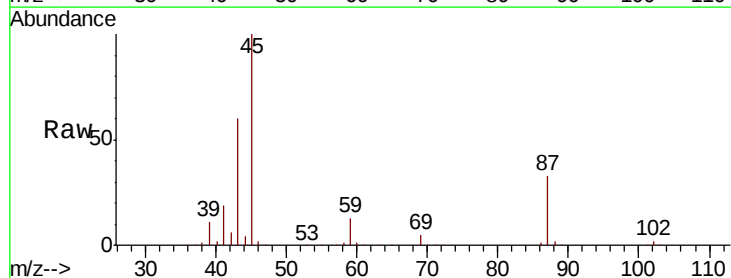


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

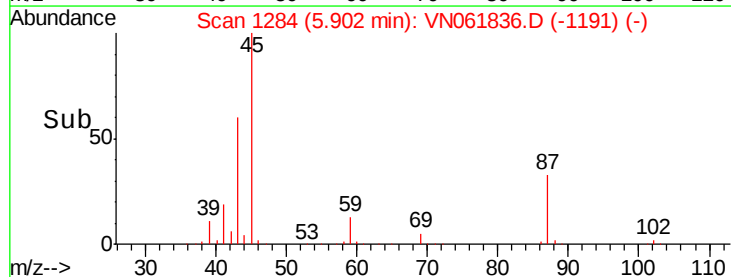
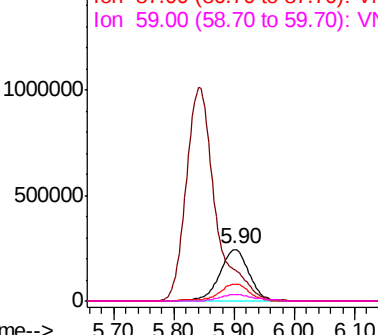


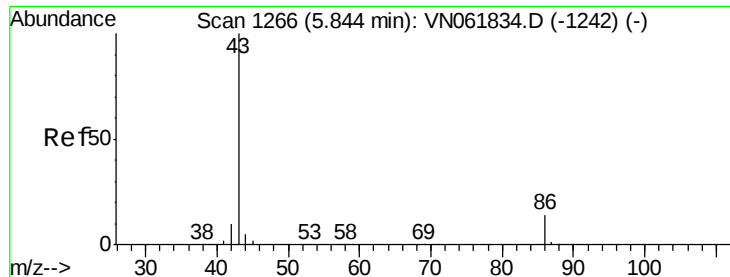
#22
Diisopropyl ether
Concen: 167.763 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 45 Resp: 834684
Ion Ratio Lower Upper
45 100
43 59.6 49.4 74.2
87 32.9 27.4 41.0
59 12.8 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

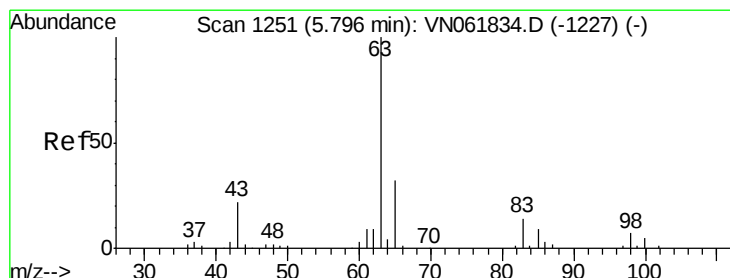
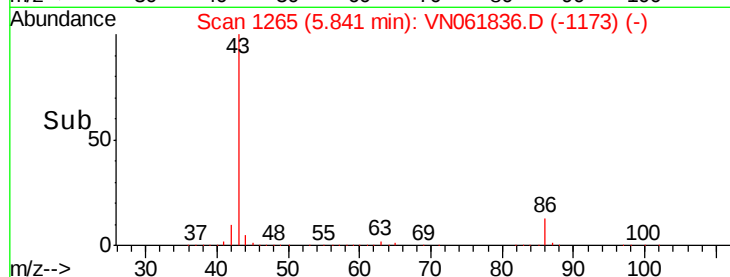
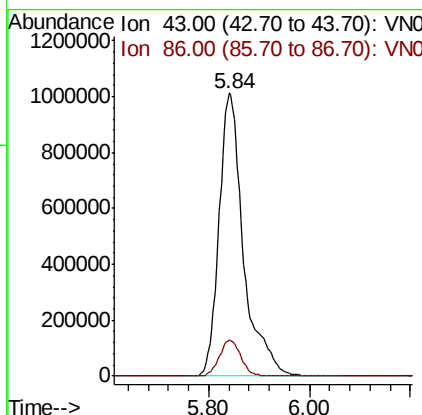
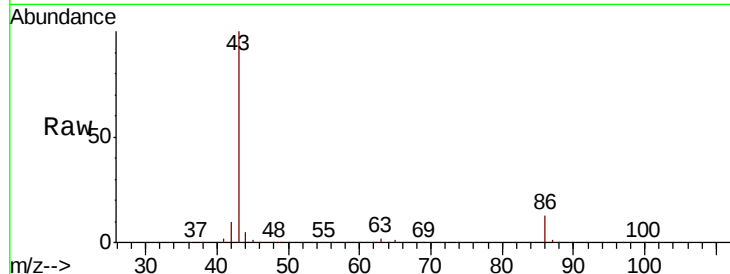




#23
 Vinyl Acetate
 Concen: 859.061 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

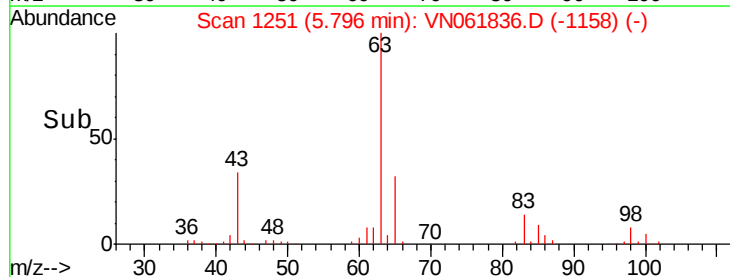
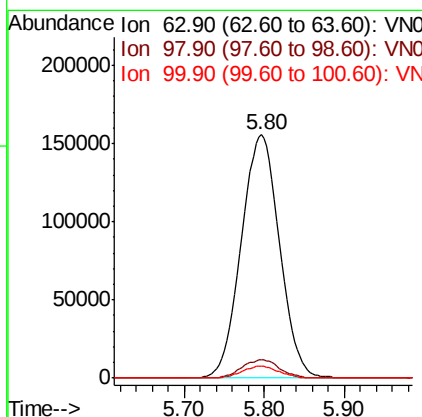
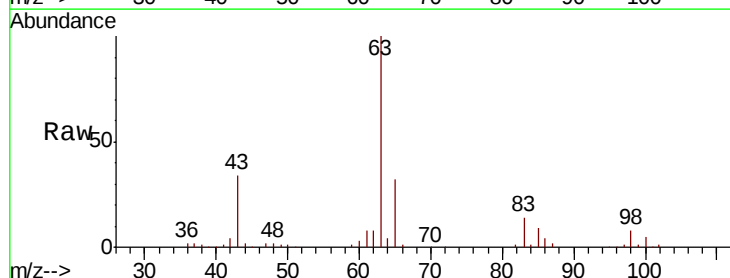
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

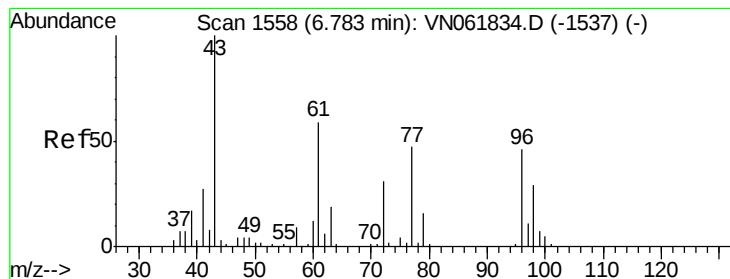
Tot Ion: 43 Resp: 3401533
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 159.507 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion: 63 Resp: 506662
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.8 2.5 7.4





#25

2-Butanone

Concen: 804.916 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

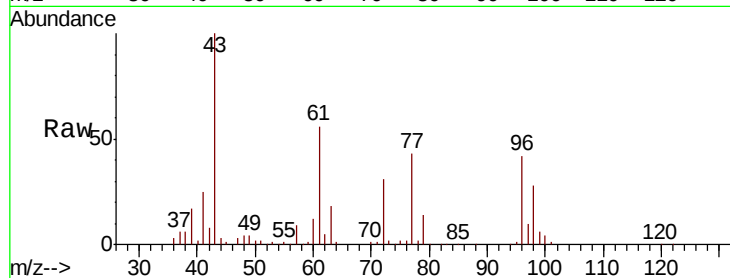
VSTDIC150

Tot Ion: 43 Resp: 768869

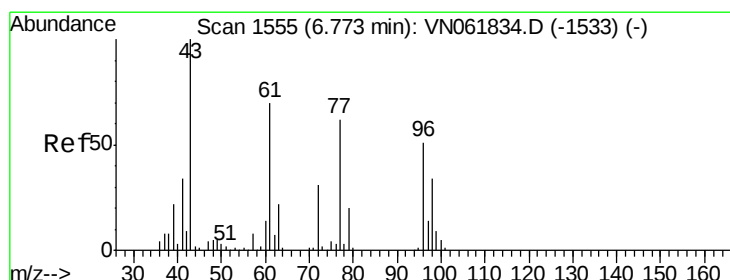
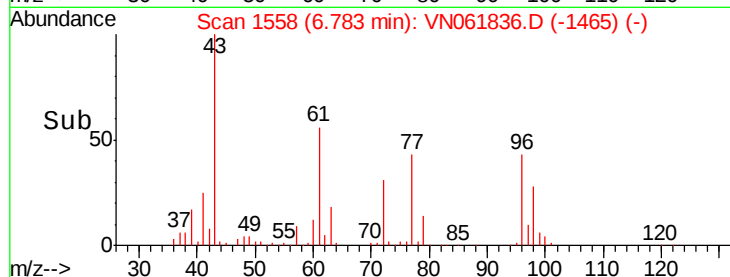
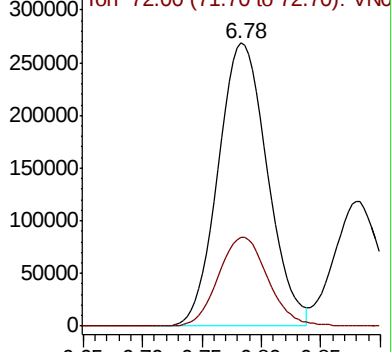
Ion Ratio Lower Upper

43 100

72 31.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061836.D (-1465) (-)



#26

2,2-Dichloropropane

Concen: 142.924 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061836.D

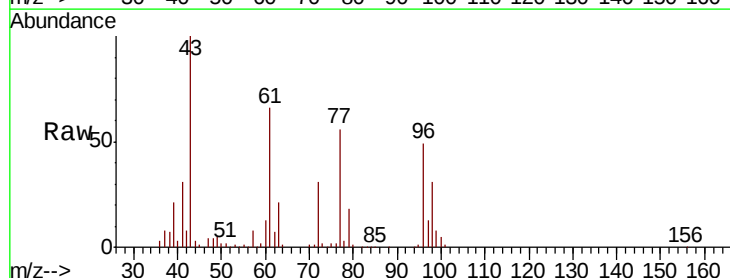
Acq: 16 Jun 2020 19:25

Tgt Ion: 77 Resp: 411471

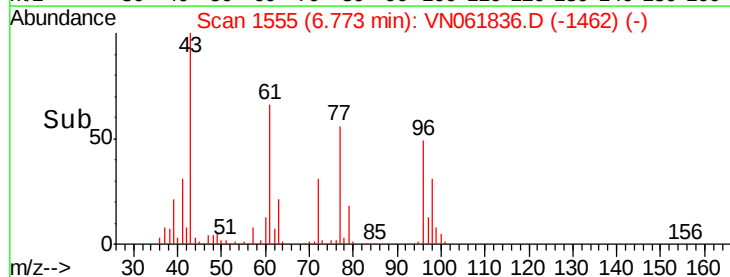
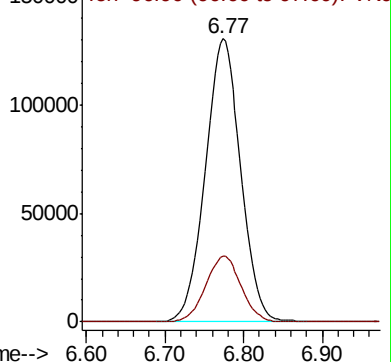
Ion Ratio Lower Upper

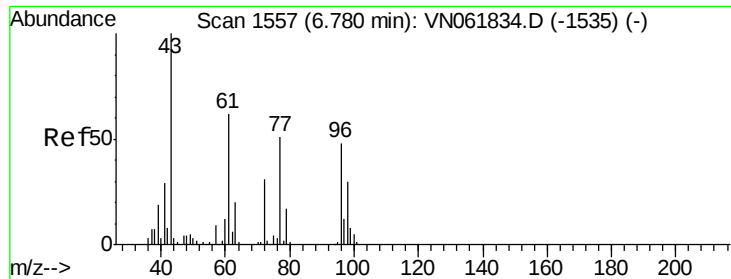
77 100

97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061836.D (-1462) (-)





#27

cis-1,2-Dichloroethene

Concen: 156.269 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

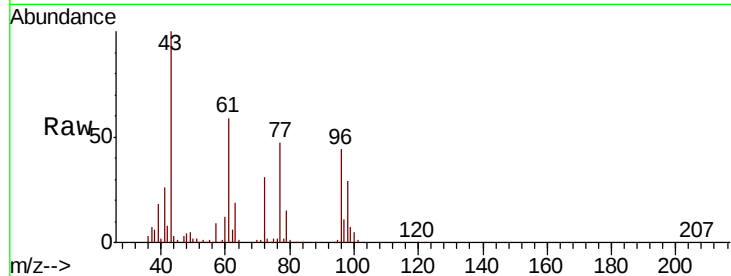
Tot Ion: 96 Resp: 344357

Ion Ratio Lower Upper

96 100

61 133.3 0.0 265.6

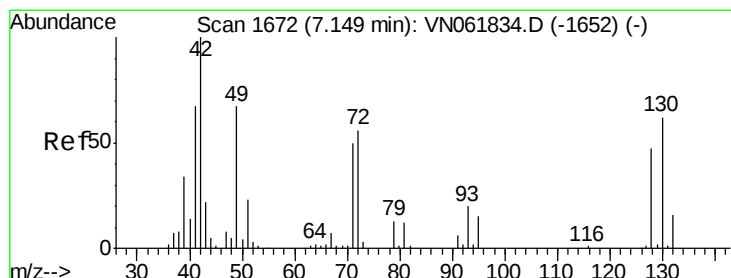
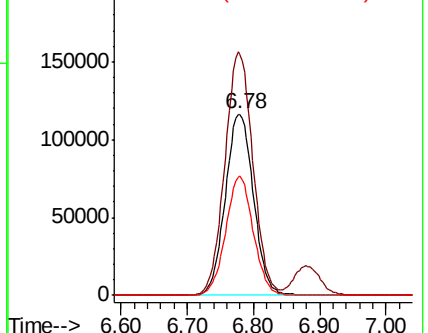
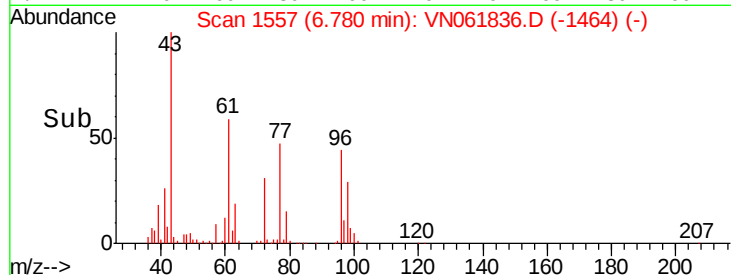
98 64.0 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061836.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061836.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061836.D (-1464) (-)



#28

Bromochloromethane

Concen: 170.299 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

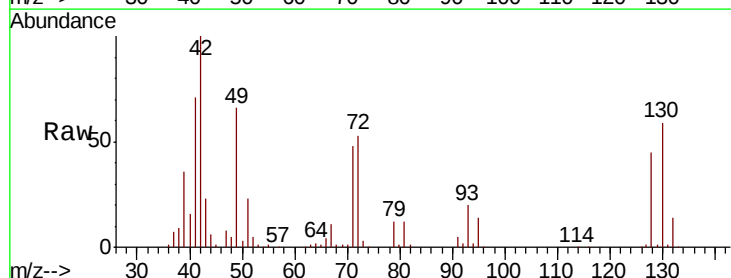
Tgt Ion: 49 Resp: 236338

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

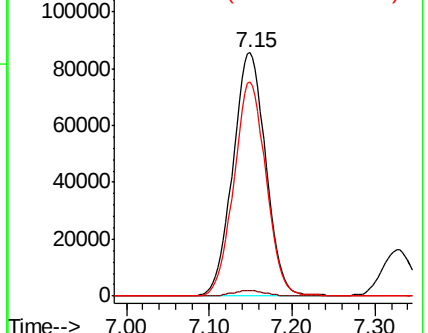
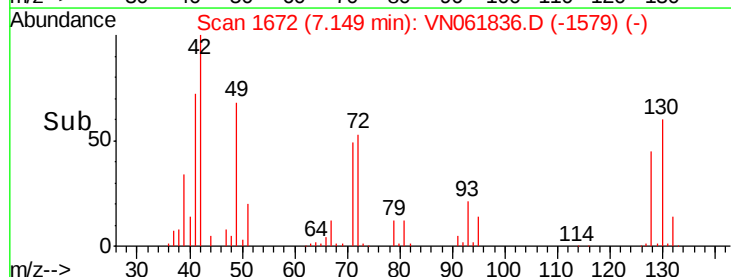
130 86.2 72.2 108.2

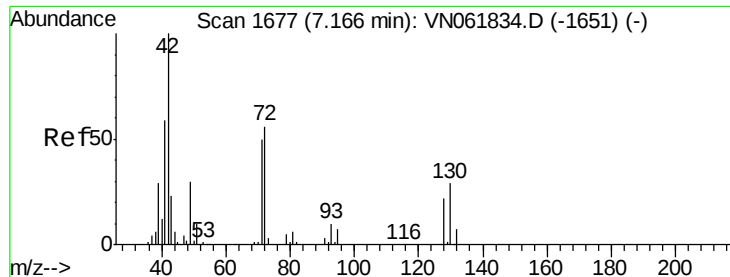


Abundance Ion 48.90 (48.60 to 49.60): VN061836.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061836.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061836.D (-1579) (-)

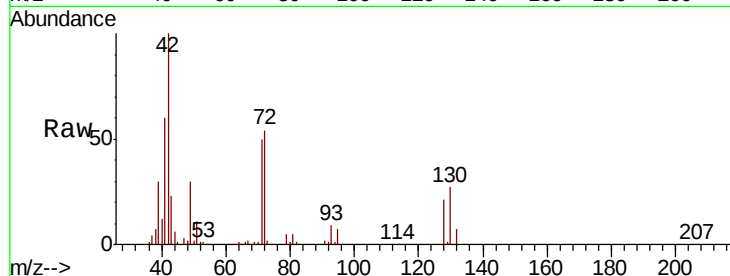




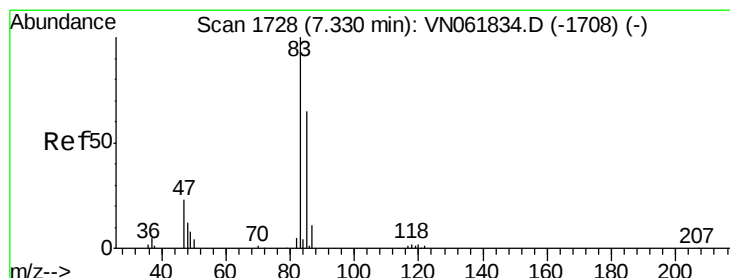
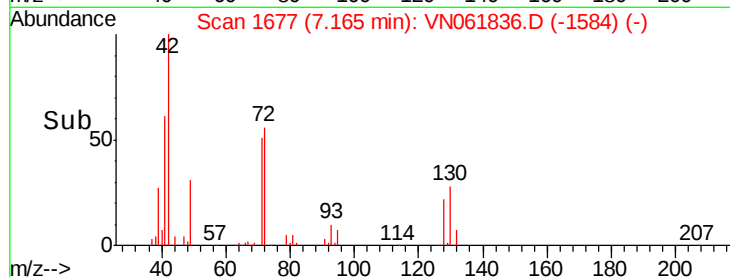
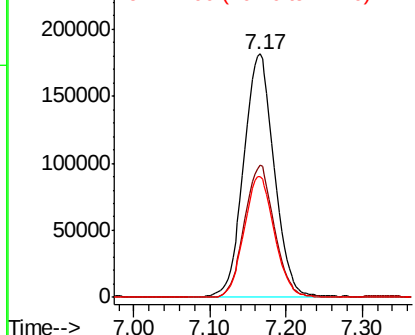
#29
Tetrahydrofuran
Concen: 805.540 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 506264
Ion Ratio Lower Upper
42 100
72 53.4 44.0 66.0
71 49.4 40.0 60.0

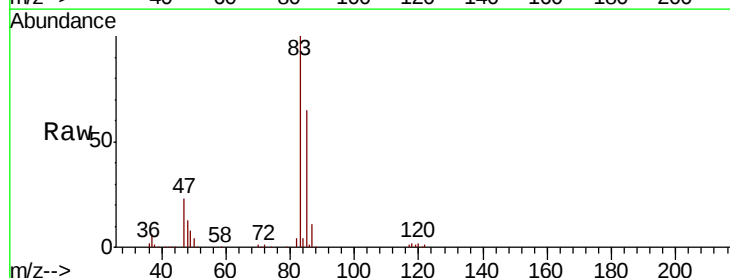


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

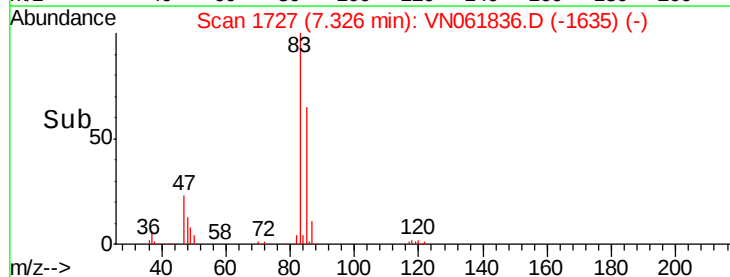
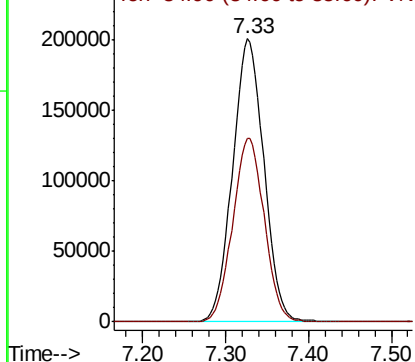


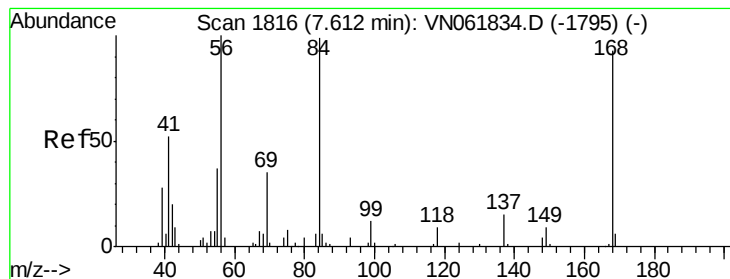
#30
Chloroform
Concen: 151.102 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 83 Resp: 527108
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0



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





#31

Cyclohexane

Concen: 155.230 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

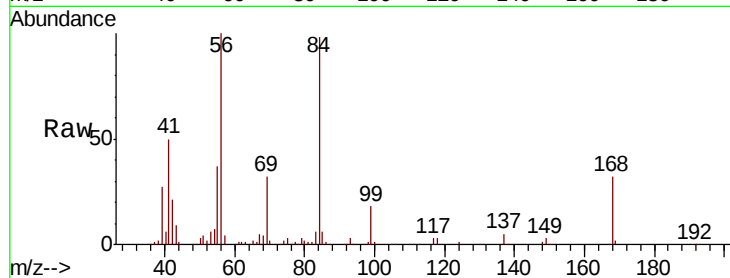
Tot Ion: 56 Resp: 439897

Ion Ratio Lower Upper

56 100

69 32.1 27.7 41.5

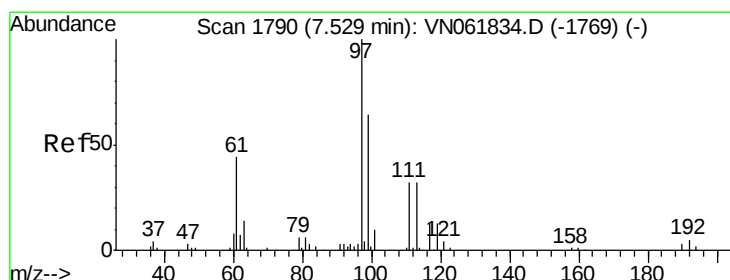
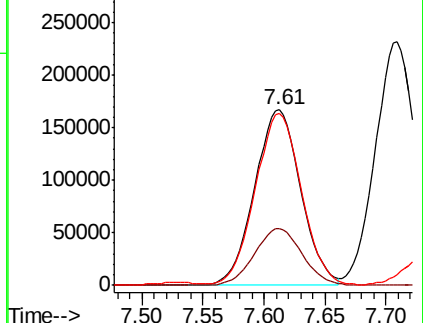
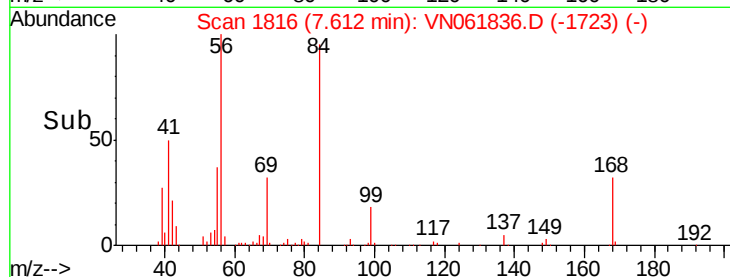
84 96.8 79.1 118.7



Abundance Ion 56.00 (55.70 to 56.70): VN061836.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061836.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061836.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 147.185 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

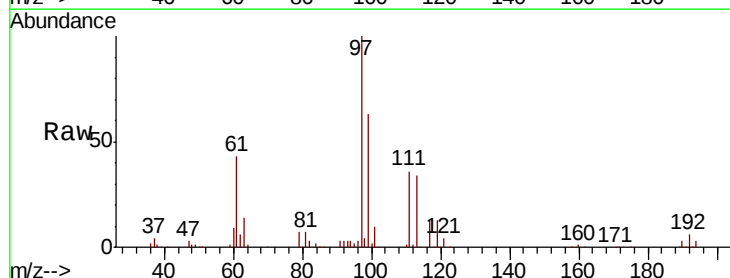
Tgt Ion: 97 Resp: 463530

Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

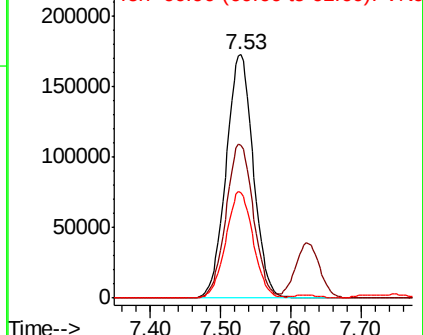
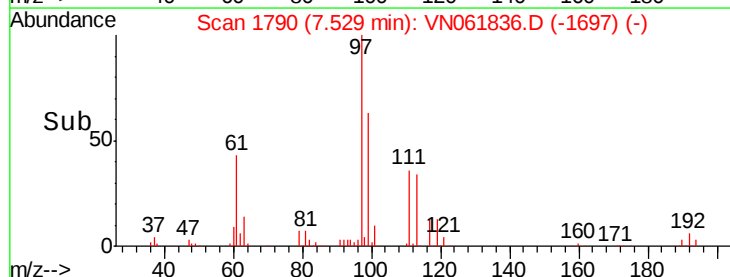
61 44.0 35.1 52.7

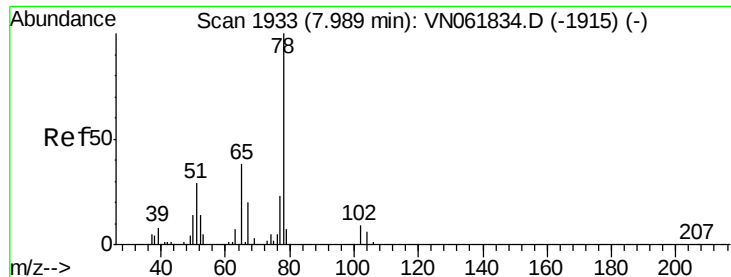


Abundance Ion 96.90 (96.60 to 97.60): VN061836.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061836.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061836.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 168.910 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

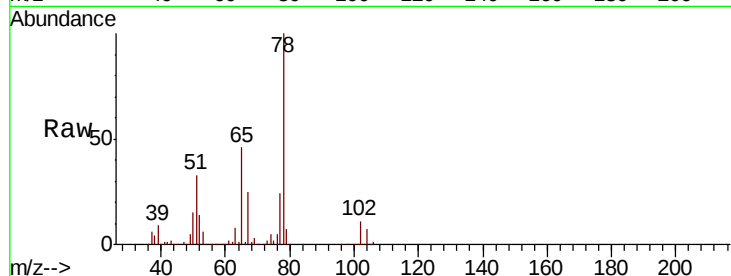
VSTDIC150

Tot Ion: 65 Resp: 341336

Ion Ratio Lower Upper

65 100

67 52.6 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

150000

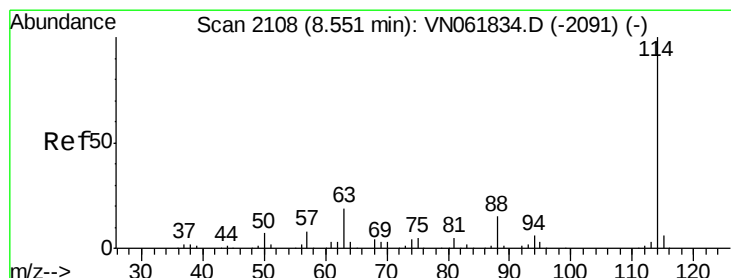
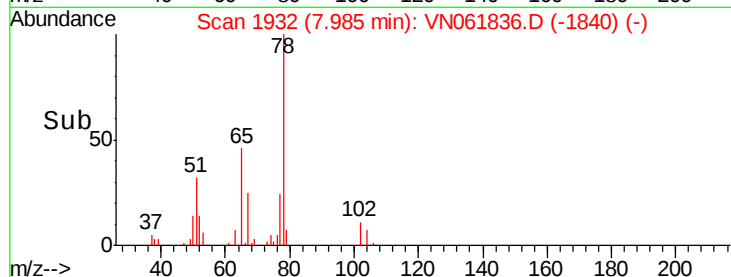
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

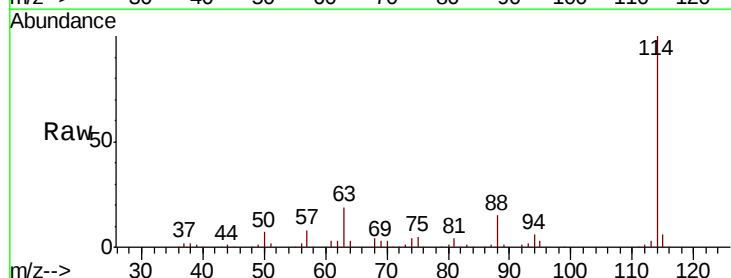
Tgt Ion: 114 Resp: 286922

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 15.1 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

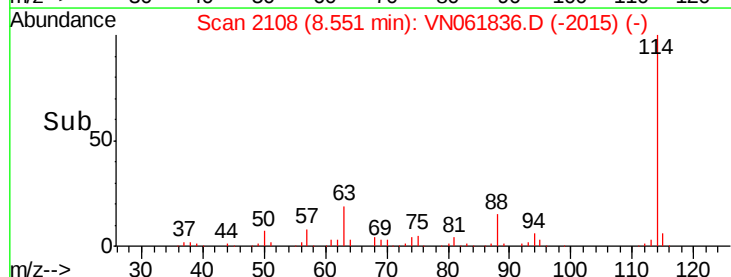
100000

50000

0

8.45 8.50 8.55 8.60 8.65

Time-->

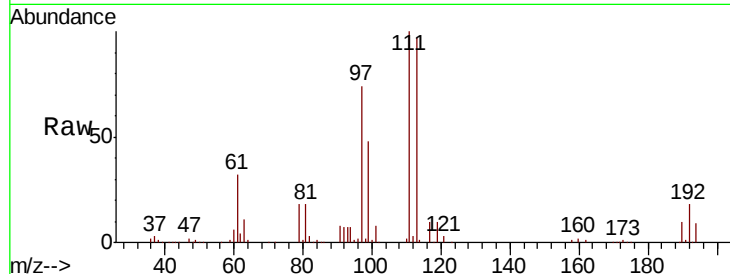




#35
 Dibromofluoromethane
 Concen: 188.571 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.7	125.5
192	18.6	13.9	20.9

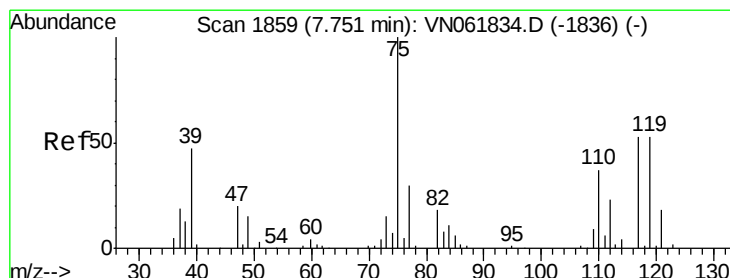
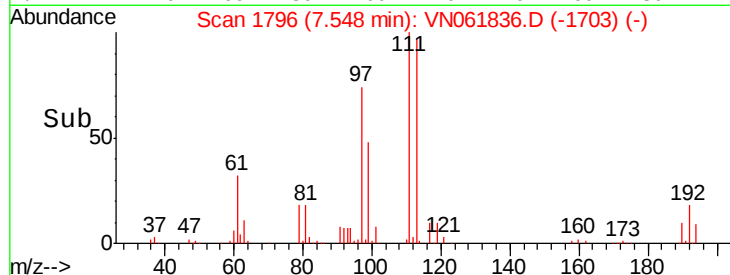
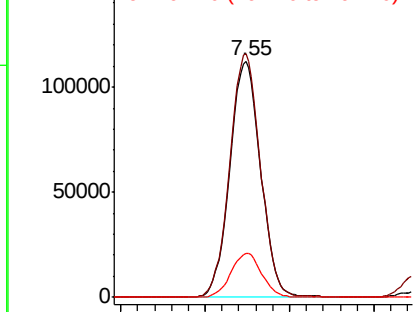


Abundance

Ion 112.80 (112.50 to 113.50): V

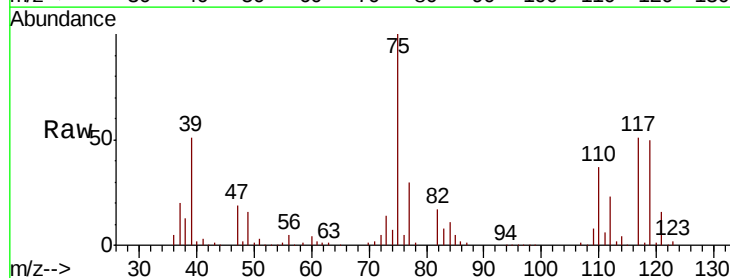
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 159.777 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.2	54.6
77	30.9	24.2	36.4

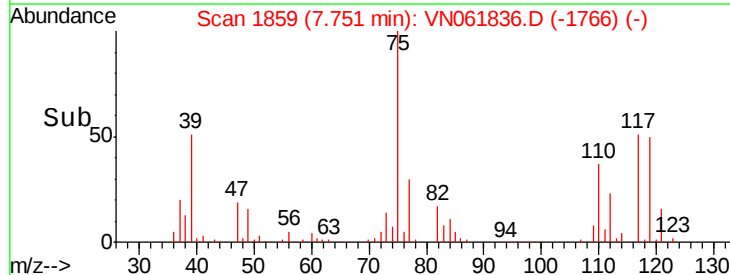
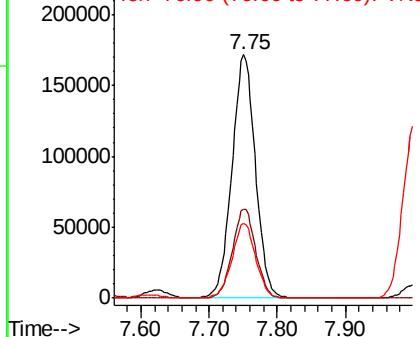


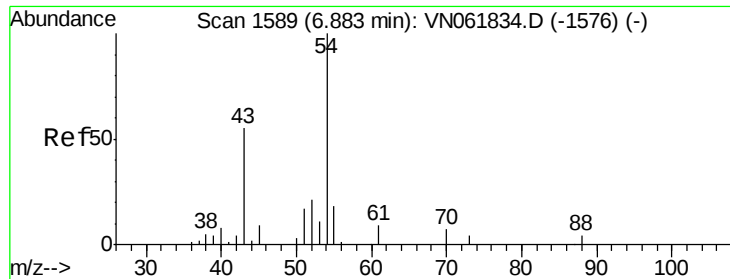
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

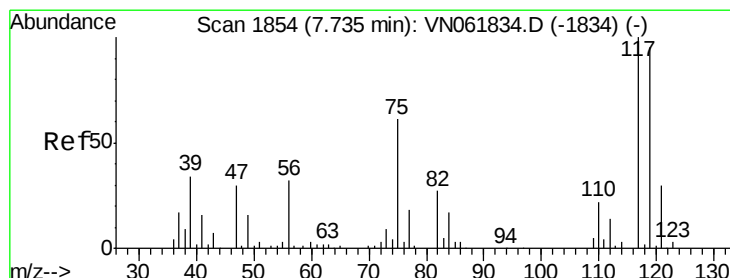
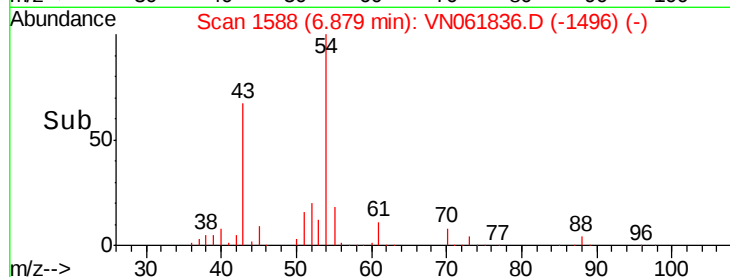
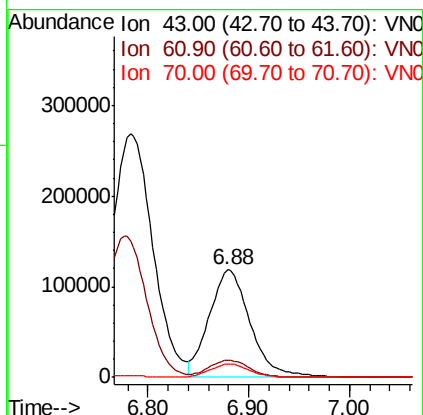
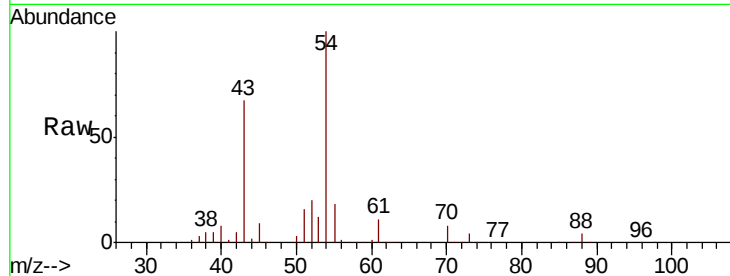




#37
Ethyl Acetate
Concen: 161.272 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

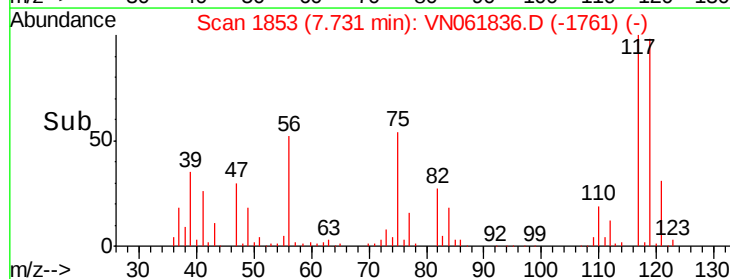
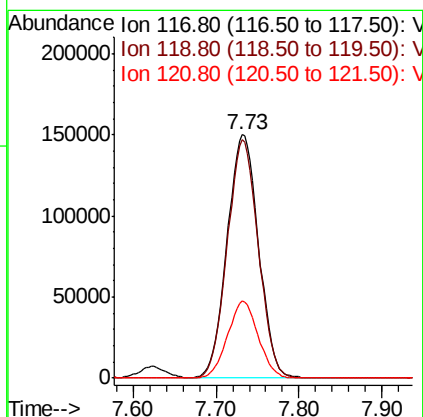
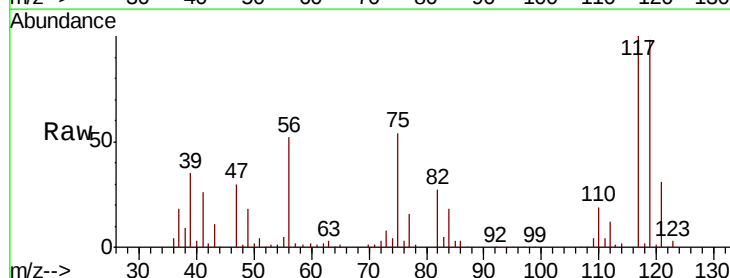
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

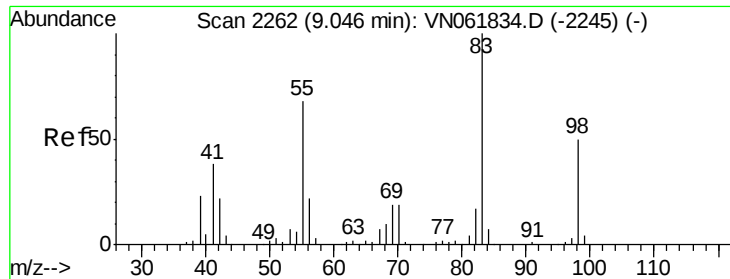
Tot Ion: 43 Resp: 330228
Ion Ratio Lower Upper
43 100
61 15.9 13.0 19.4
70 12.1 9.4 14.2



#38
Carbon Tetrachloride
Concen: 159.412 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 117 Resp: 394354
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.6
121 31.5 23.8 35.6

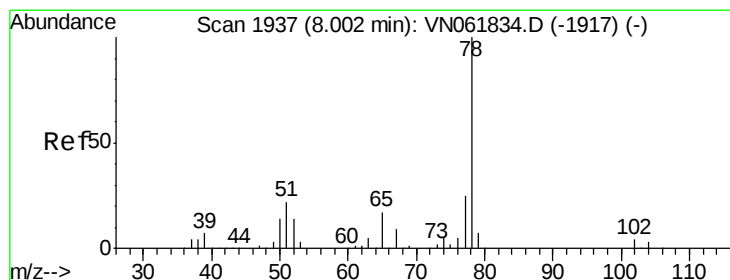
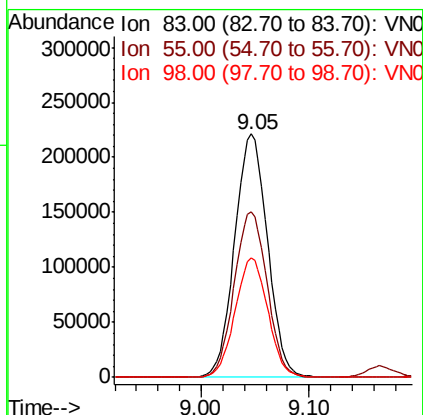
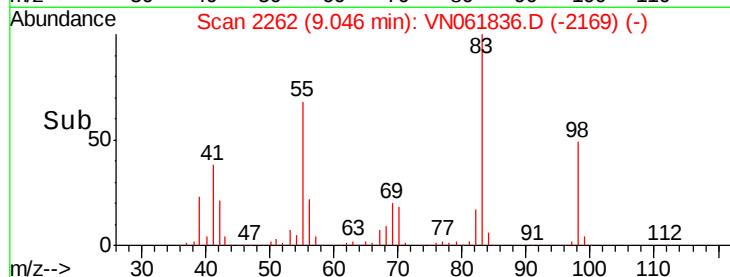
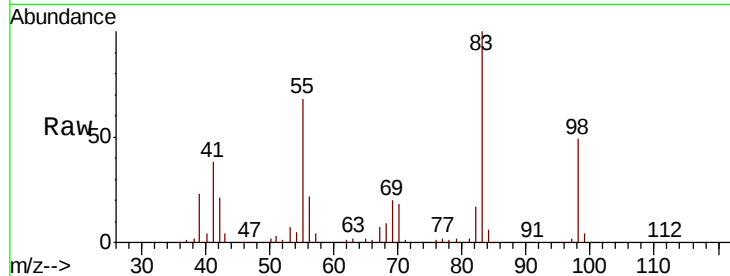




#39
Methvlcvclohexane
Concen: 150.347 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

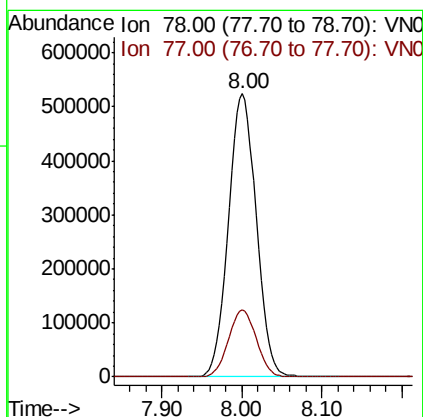
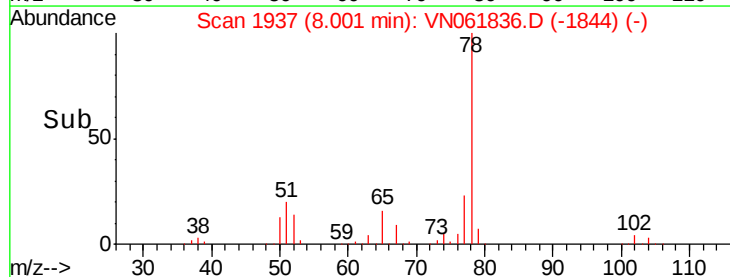
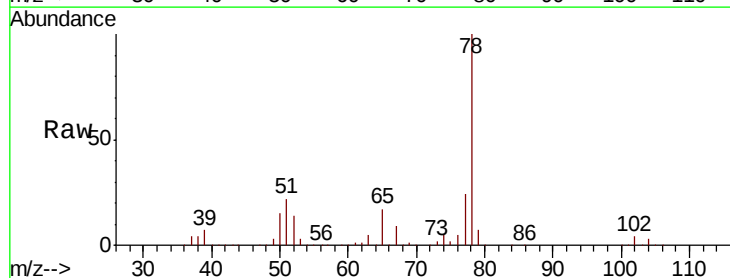
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

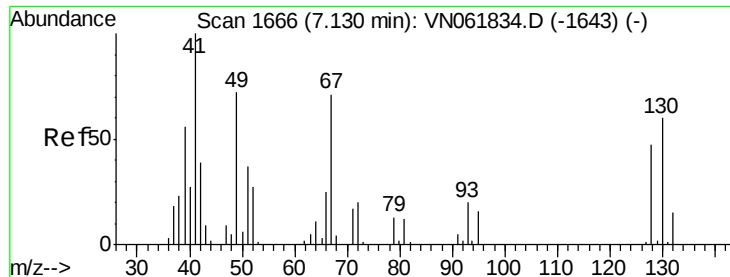
Tot Ion: 83 Resp: 468129
Ion Ratio Lower Upper
83 100
55 68.1 54.2 81.4
98 48.8 39.8 59.6



#40
Benzene
Concen: 156.450 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 78 Resp: 1236797
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5

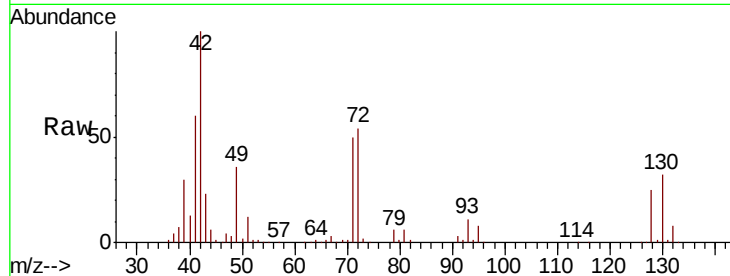




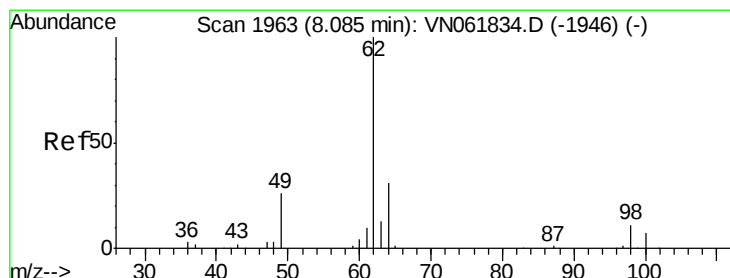
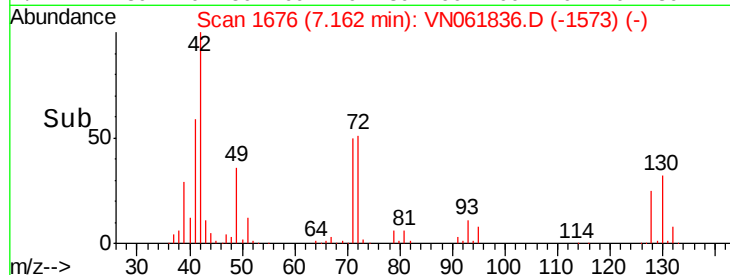
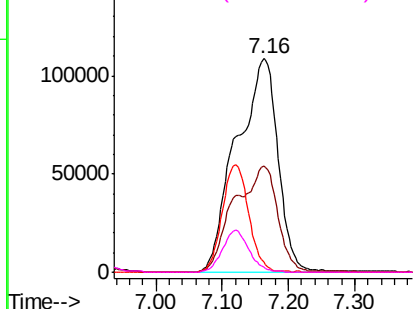
#41
Methacrylonitrile
Concen: 503.391 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	472098
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

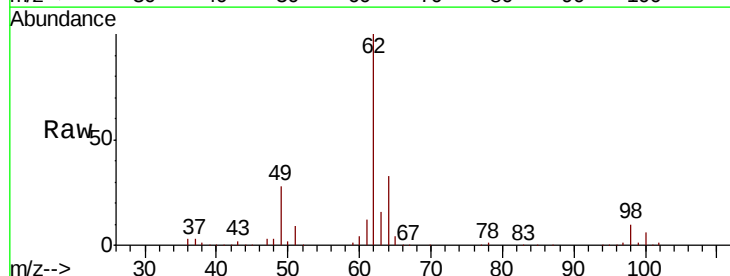


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

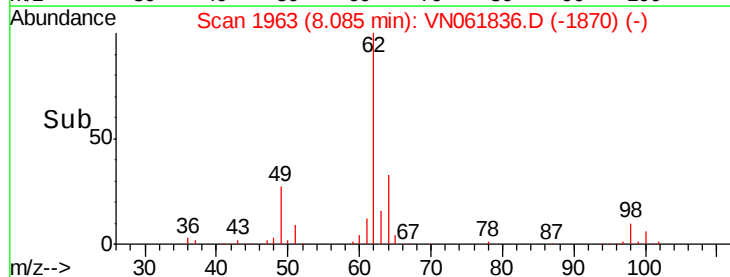
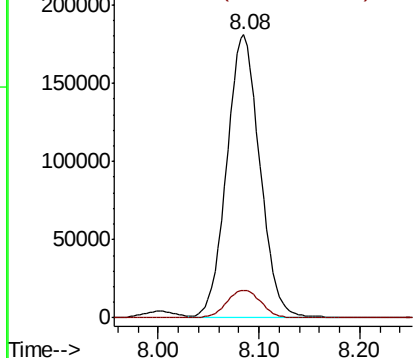


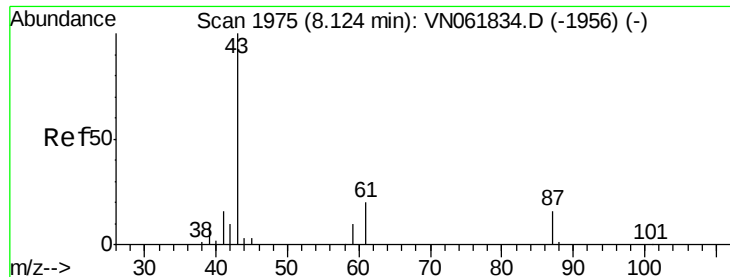
#42
1,2-Dichloroethane
Concen: 155.235 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion:	62	Resp:	412540
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 157.511 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

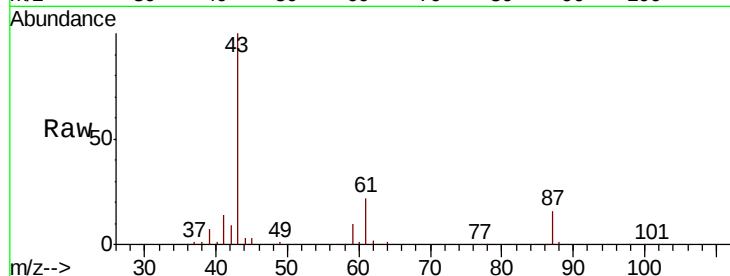
Tot Ion: 43 Resp: 578557

Ion Ratio Lower Upper

43 100

61 22.2 24.0 36.0#

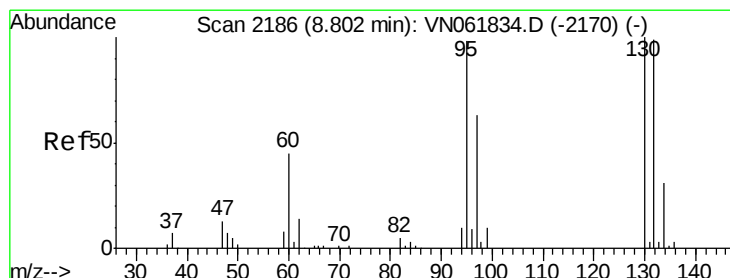
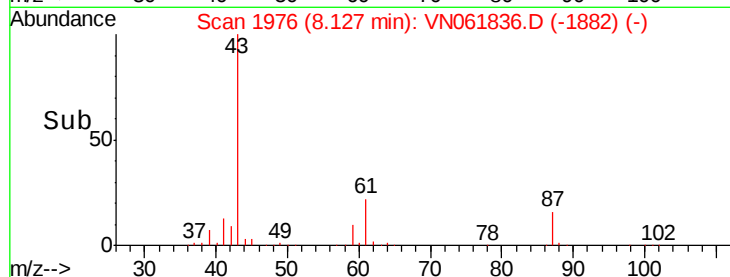
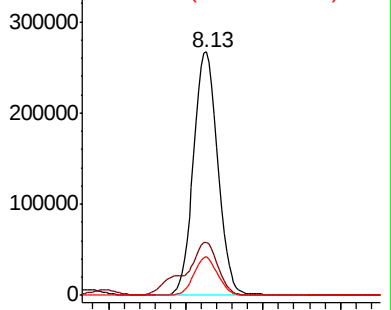
87 15.4 12.5 18.7



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

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

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



#44

Trichloroethene

Concen: 135.615 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061836.D

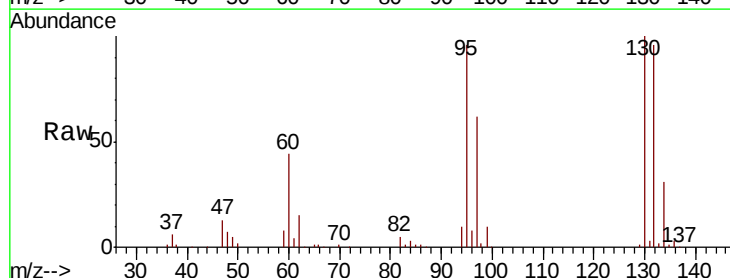
Acq: 16 Jun 2020 19:25

Tgt Ion:130 Resp: 319406

Ion Ratio Lower Upper

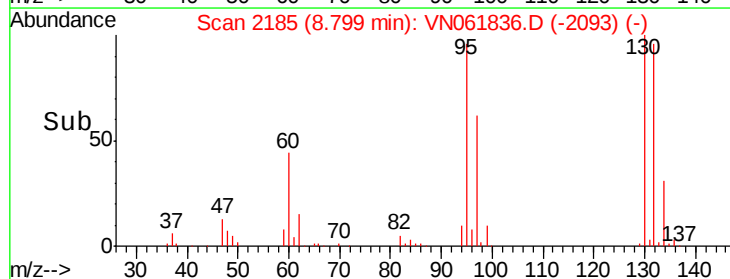
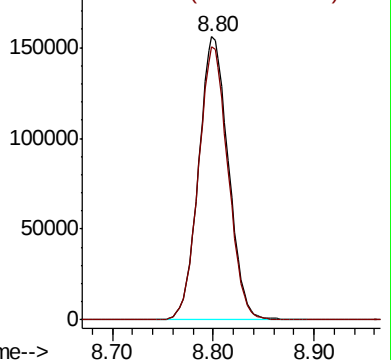
130 100

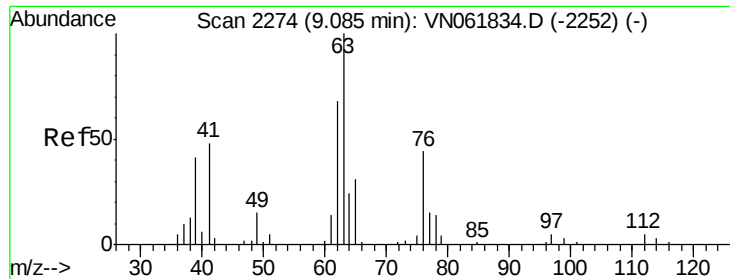
95 96.3 0.0 195.6



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

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

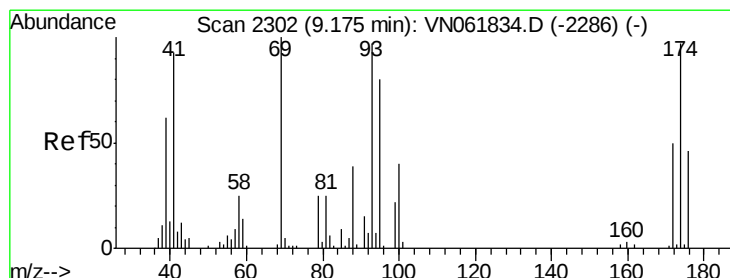
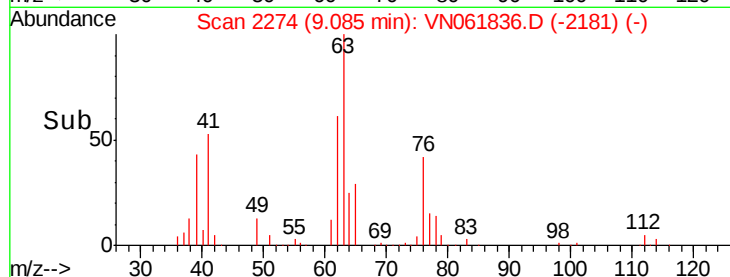
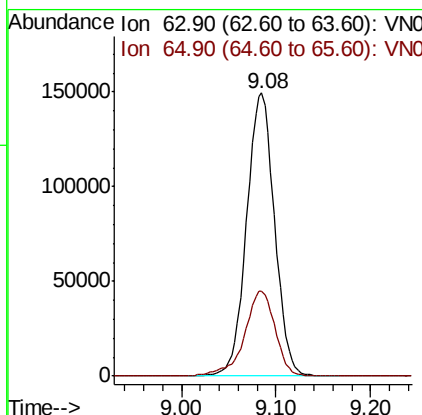
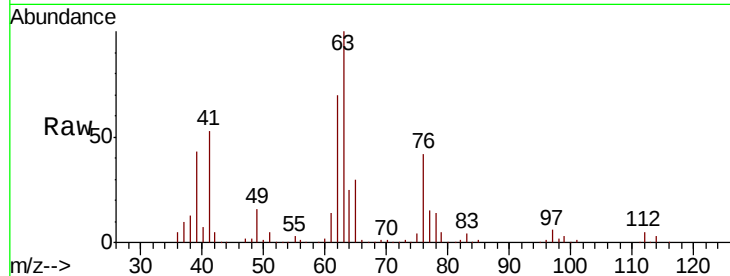




#45
 1,2-Dichloropropane
 Concen: 162.595 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

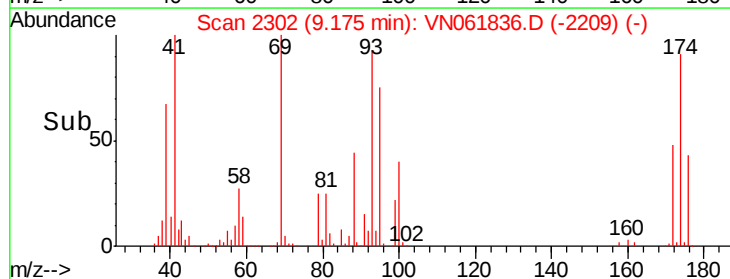
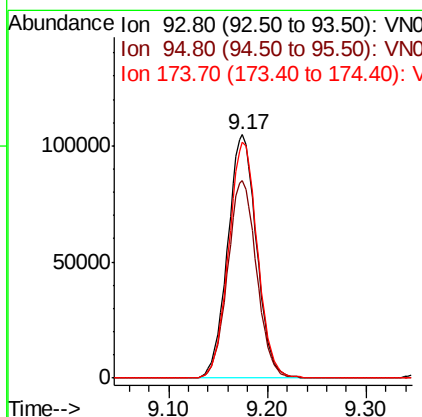
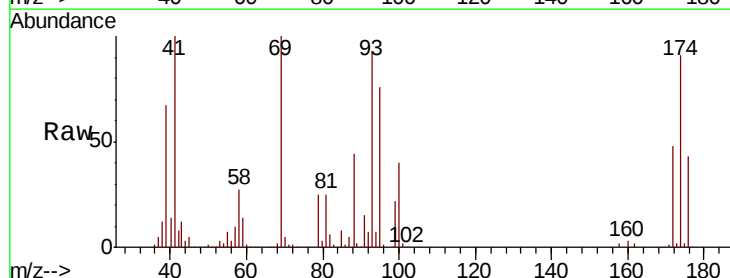
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

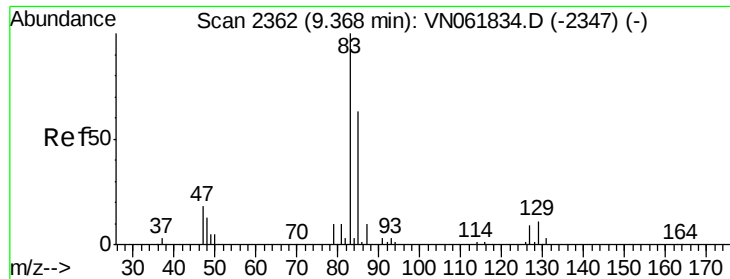
Tot Ion: 63 Resp: 307188
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.1 37.7



#46
 Dibromomethane
 Concen: 149.890 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion: 93 Resp: 214521
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.8 98.6
 174 96.6 78.5 117.7





#47

Bromodichloromethane

Concen: 154.532 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

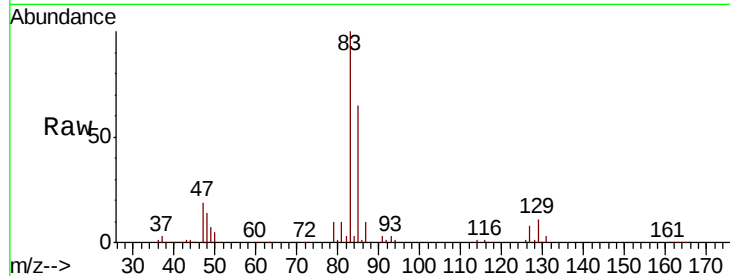
Tot Ion: 83 Resp: 438230

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

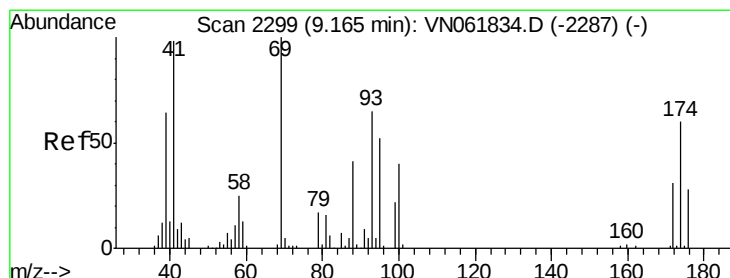
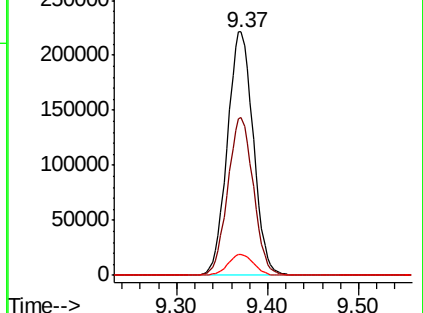
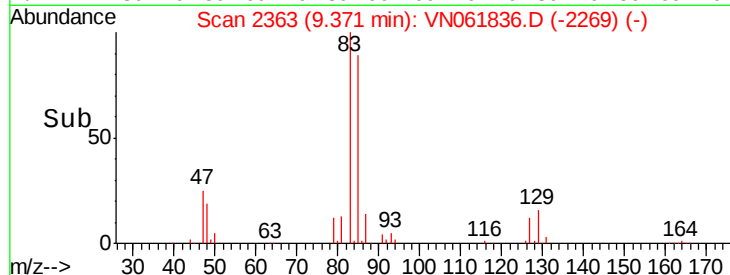
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061836.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061836.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061836.D (-2269) (-)



#48

Methyl methacrylate

Concen: 161.790 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

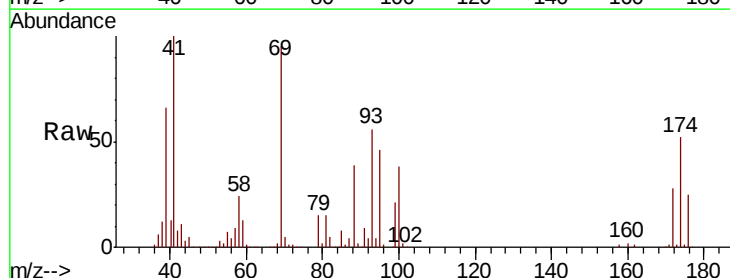
Tgt Ion: 41 Resp: 268354

Ion Ratio Lower Upper

41 100

69 100.0 83.0 124.4

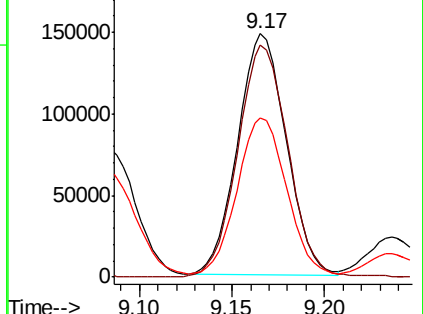
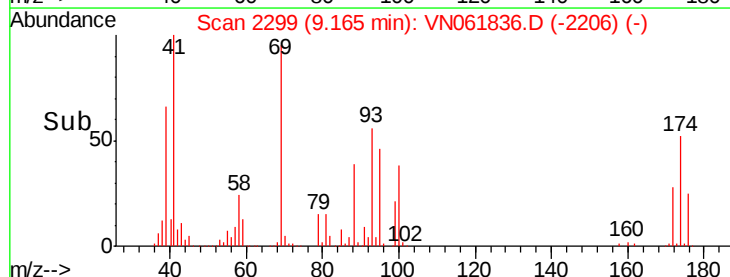
39 68.2 55.1 82.7

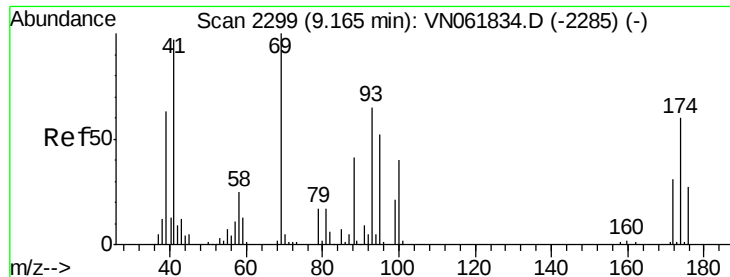


Abundance Ion 41.00 (40.70 to 41.70): VN061836.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061836.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061836.D (-2206) (-)





#49

1,4-Dioxane

Concen: 4344.387 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

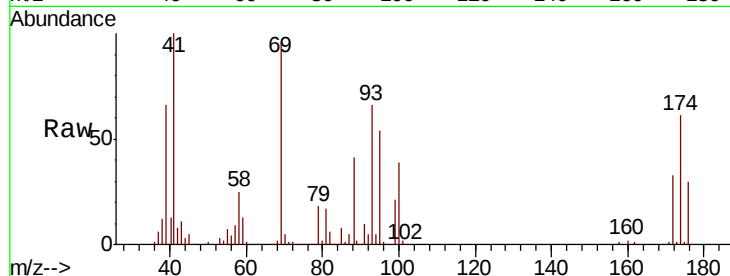
Tot Ion: 88 Resp: 121140

Ion Ratio Lower Upper

88 100

43 28.1 23.4 35.2

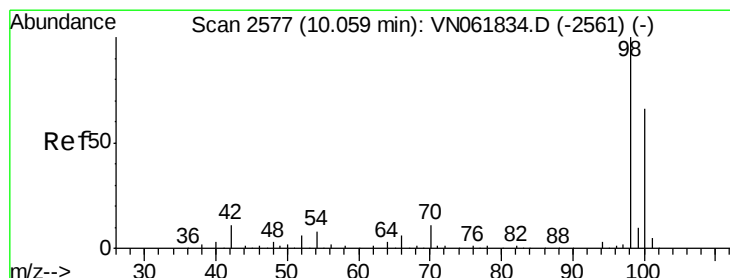
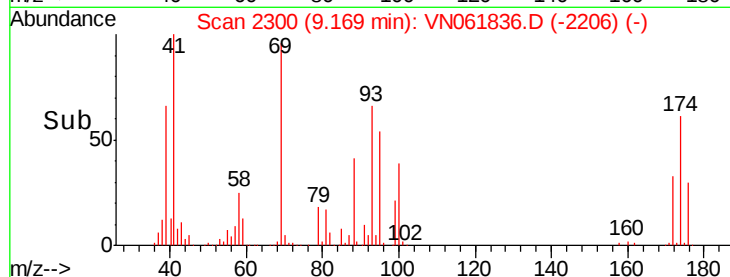
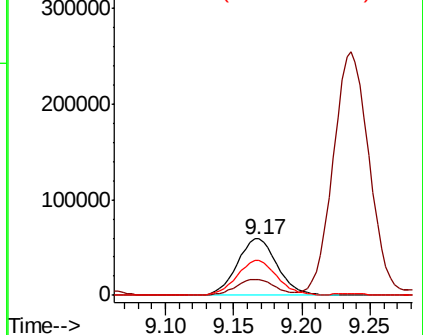
58 61.3 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 171.941 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061836.D

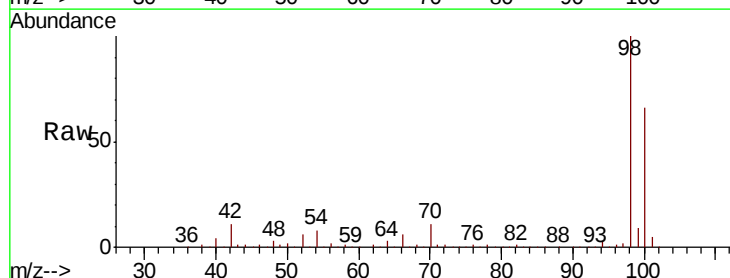
Acq: 16 Jun 2020 19:25

Tgt Ion: 98 Resp: 1163426

Ion Ratio Lower Upper

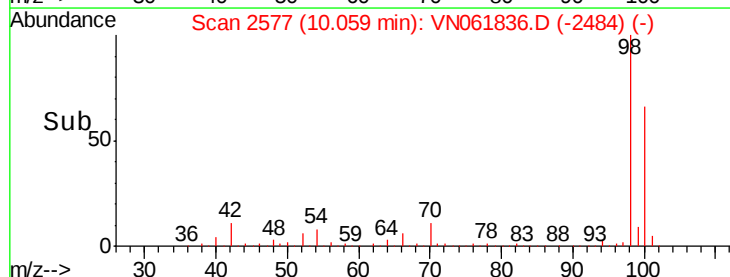
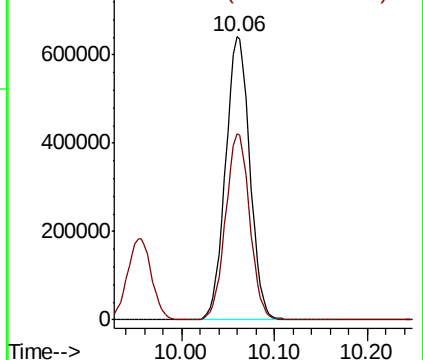
98 100

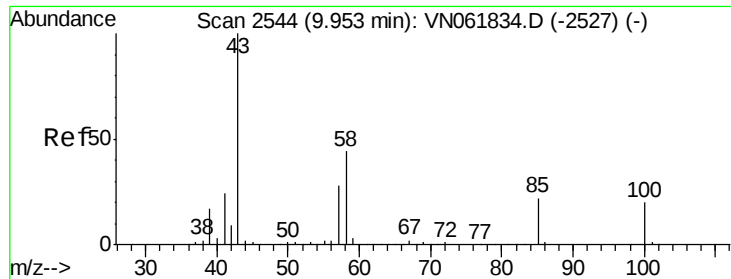
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 837.156 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampled :

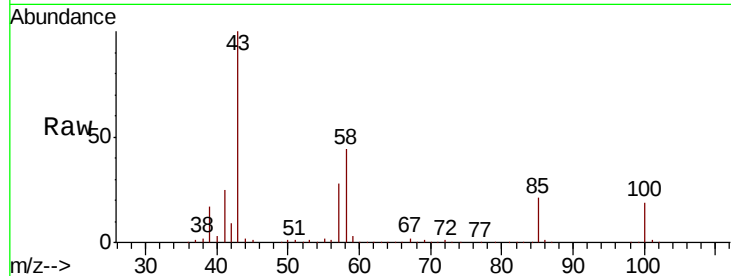
VSTDIC150

Tot Ion: 43 Resp: 1739775

Ion Ratio Lower Upper

43 100

58 43.1 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

800000

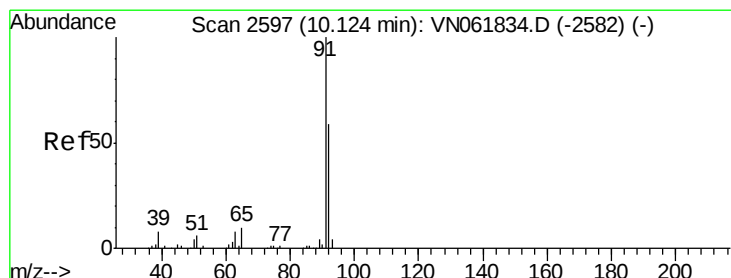
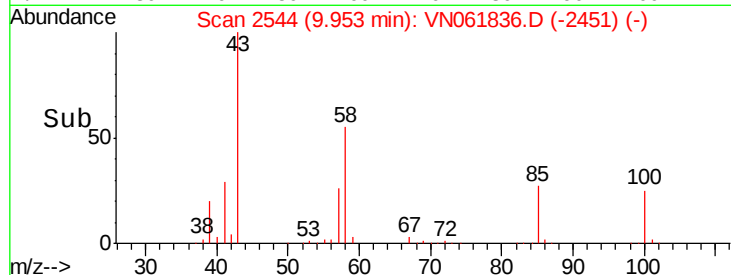
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 159.238 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061836.D

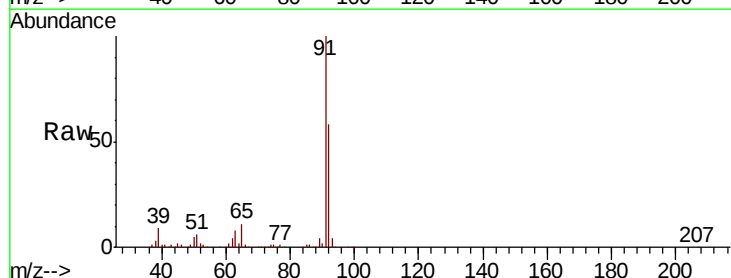
Acq: 16 Jun 2020 19:25

Tgt Ion: 92 Resp: 818839

Ion Ratio Lower Upper

92 100

91 172.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061836.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN061836.D (-2504) (-)

10.12

800000

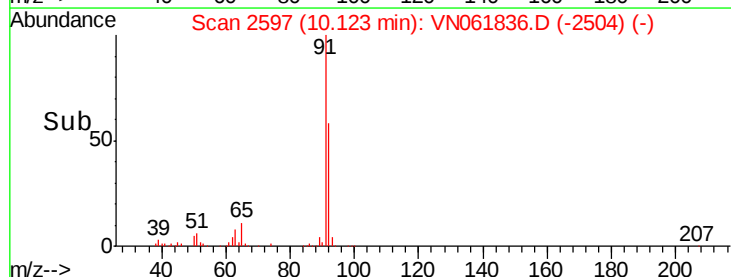
600000

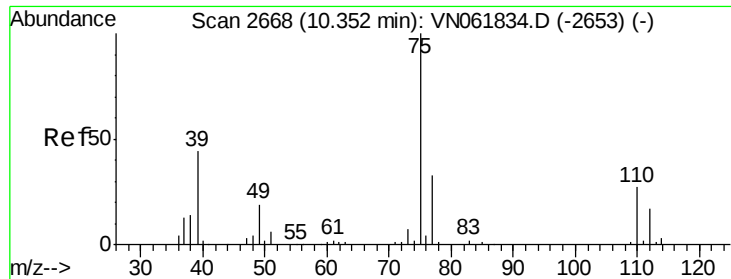
400000

200000

0

Time-->

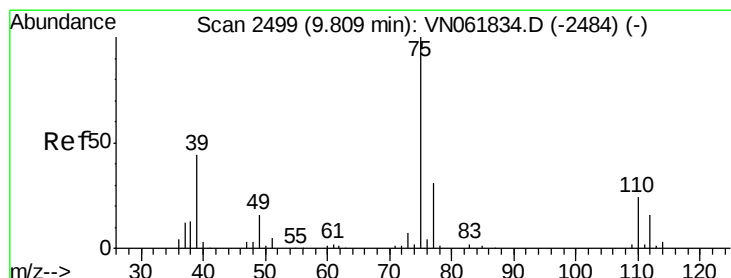
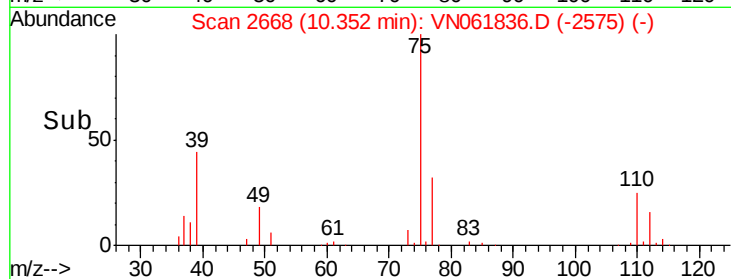
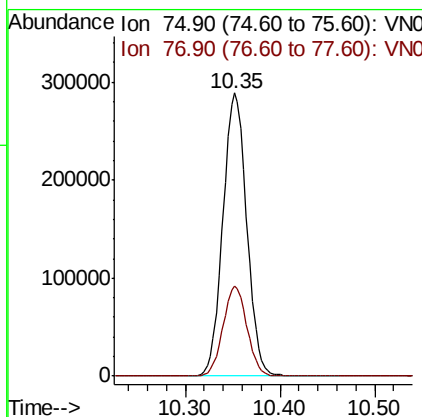
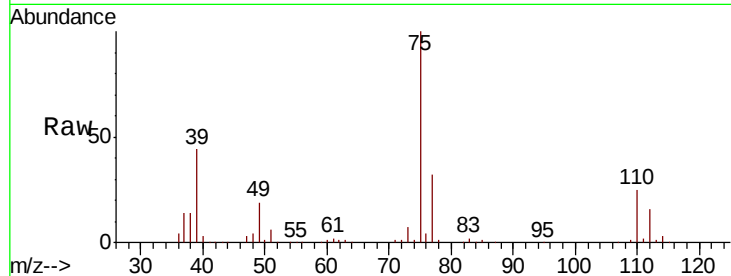




#53
 t-1,3-Dichloropropene
 Concen: 165.731 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

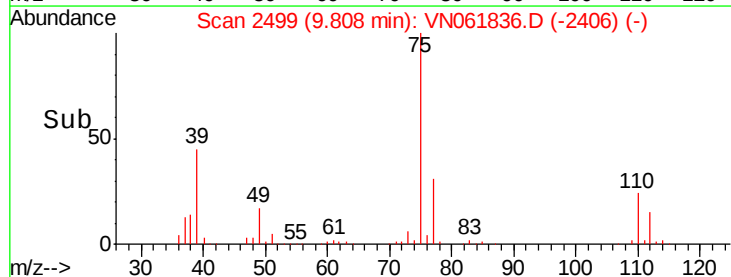
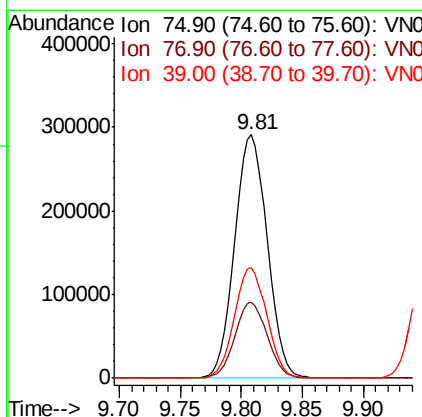
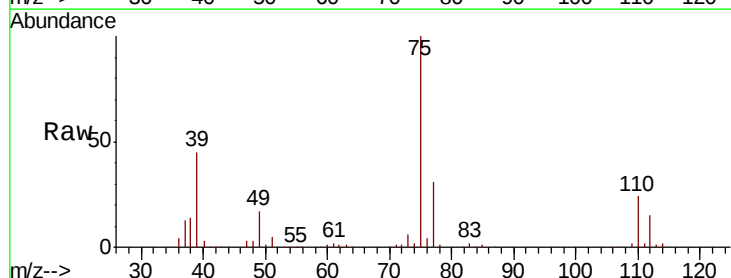
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

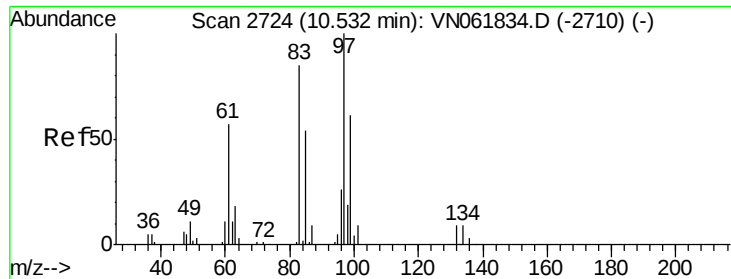
Tot Ion: 75 Resp: 505852
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 163.691 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion: 75 Resp: 539485
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2
 39 45.1 35.4 53.0

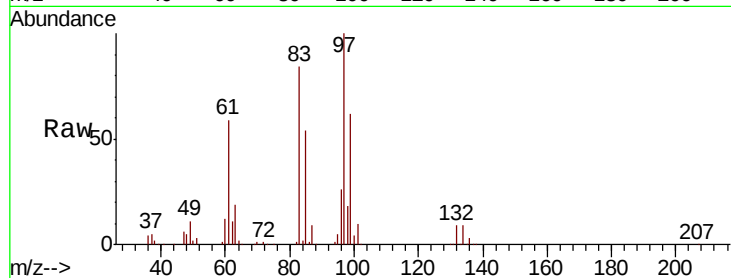




#55
 1,1,2-Trichloroethane
 Concen: 151.742 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion:	97	Resp:	310211
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.7	101.5
85	54.2	43.4	65.0
99	62.4	48.8	73.2



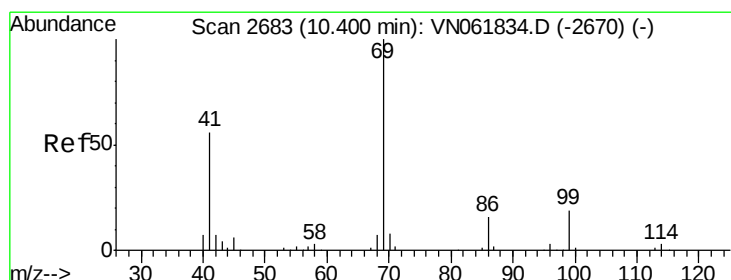
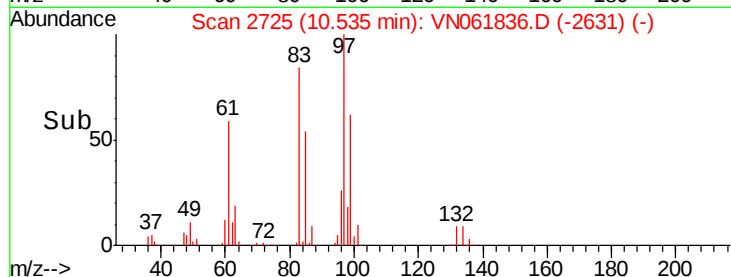
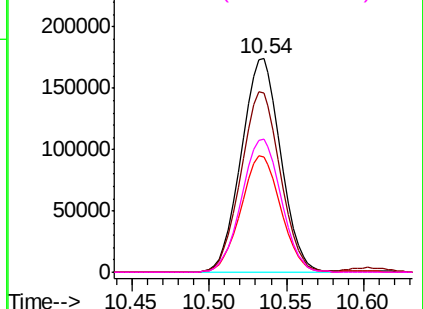
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

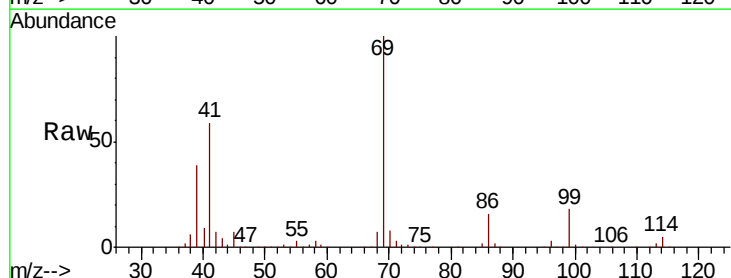
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 168.963 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion:	69	Resp:	478763
Ion	Ratio	Lower	Upper
69	100		
41	57.8	44.9	67.3
39	38.6	30.0	45.0

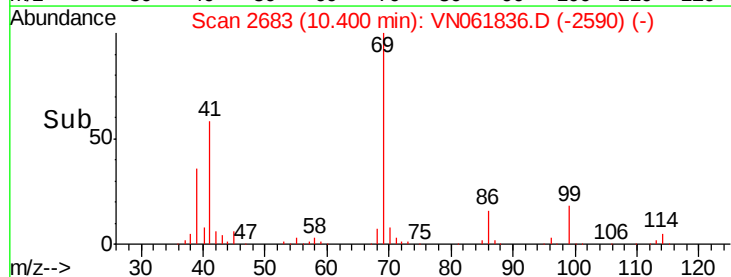
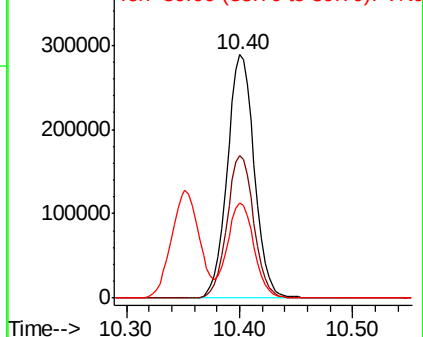


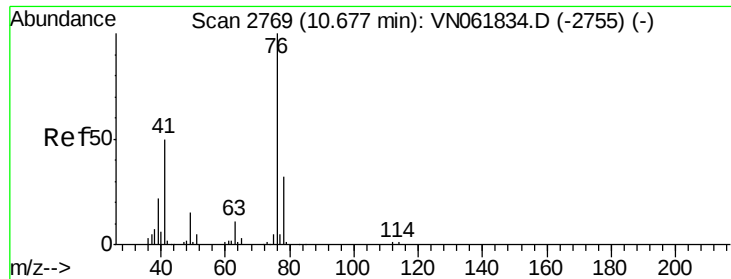
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

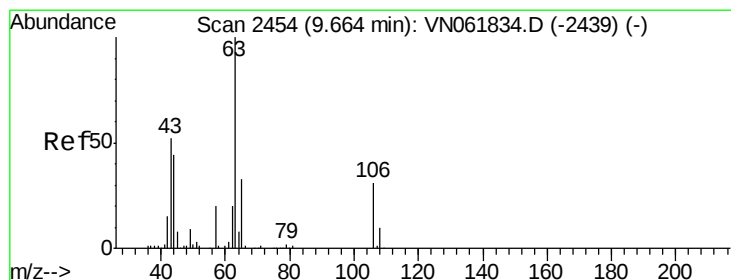
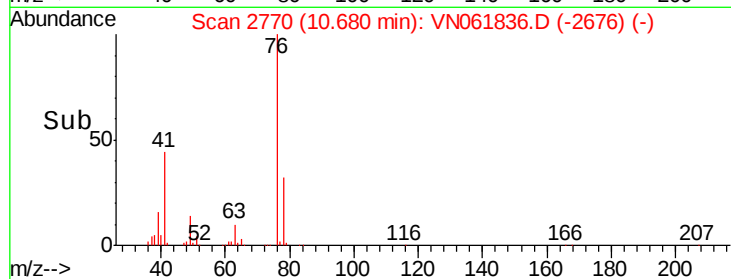
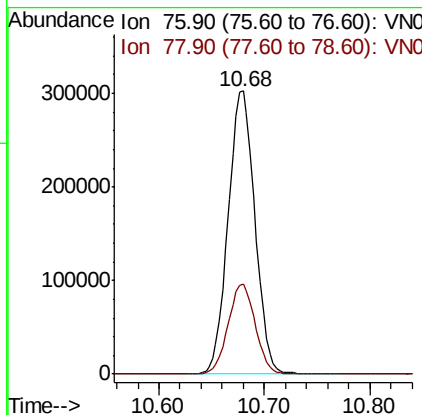
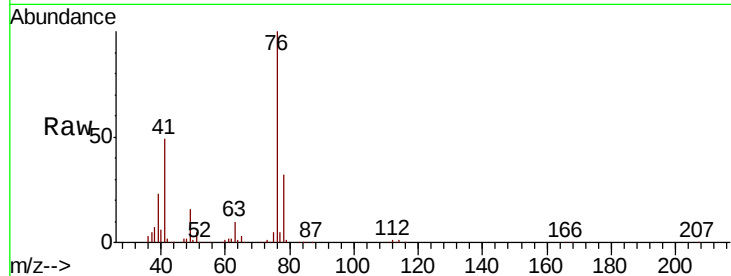




#57
 1,3-Dichloropropane
 Concen: 161.289 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

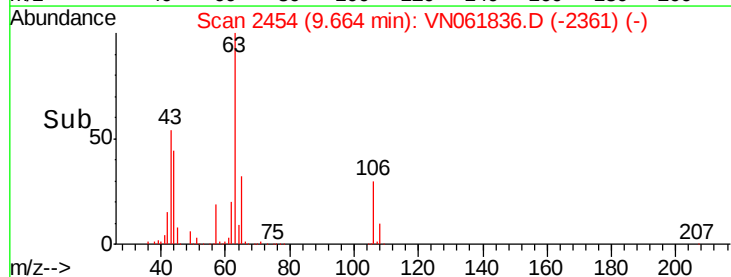
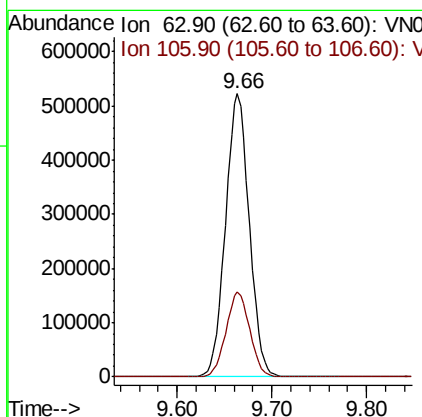
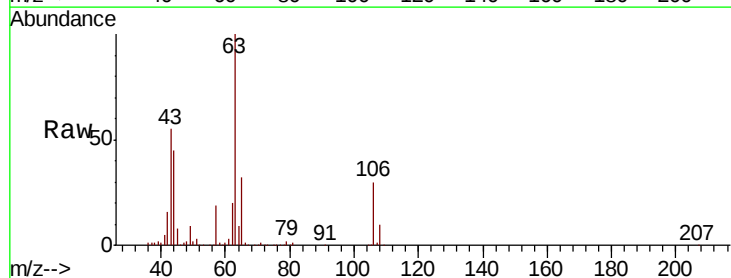
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

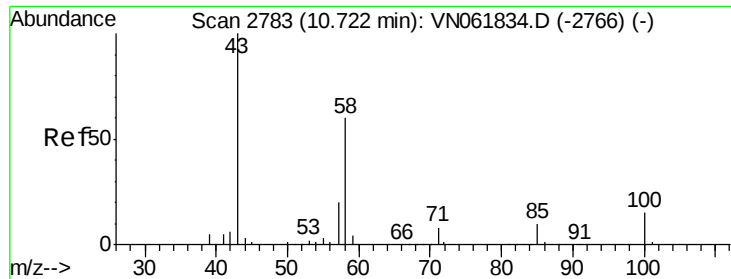
Tot Ion: 76 Resp: 530761
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 763.437 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion: 63 Resp: 909524
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.6 36.8

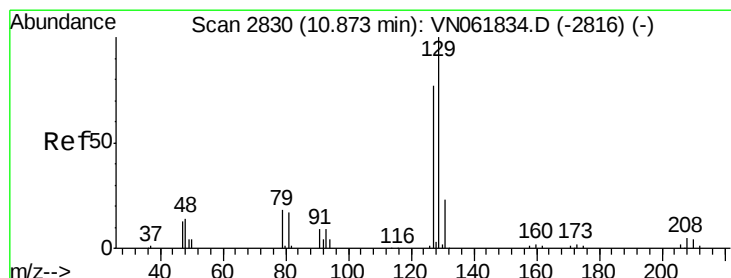
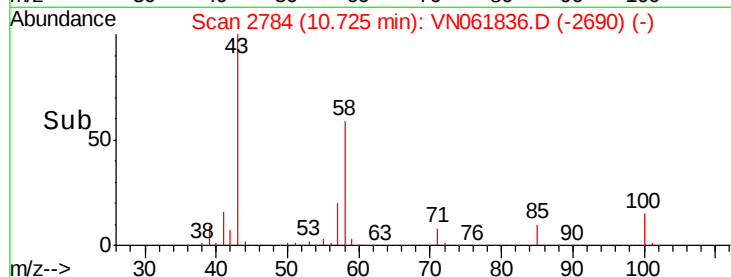
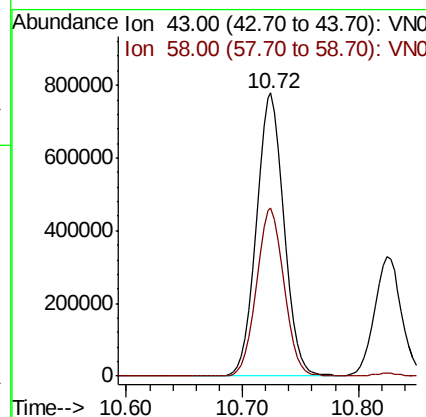
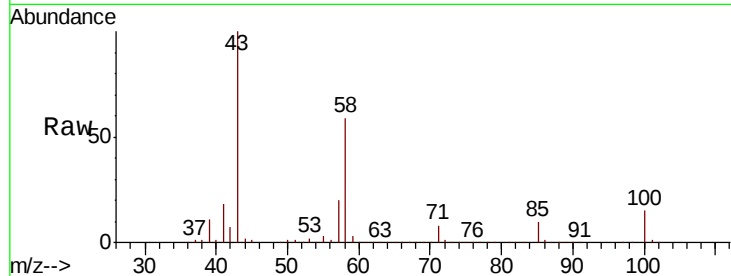




#59
2-Hexanone
Concen: 867.859 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

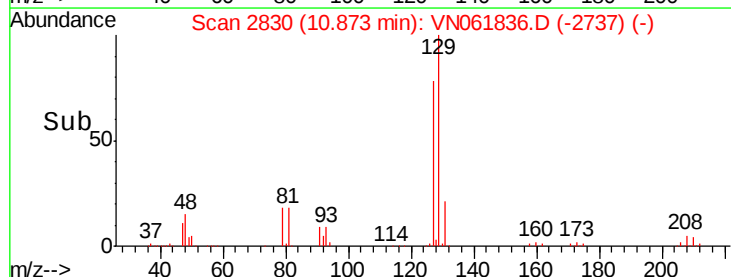
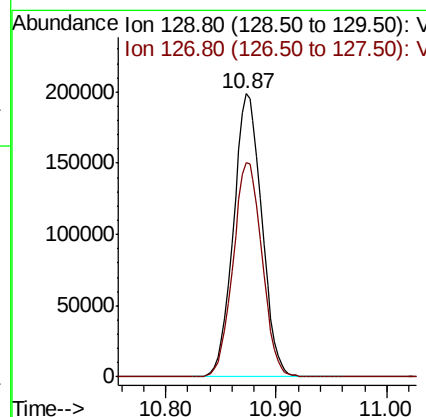
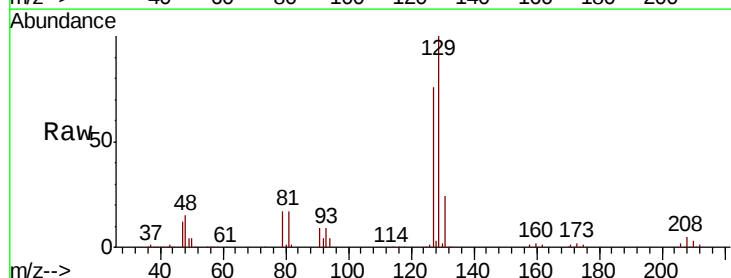
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

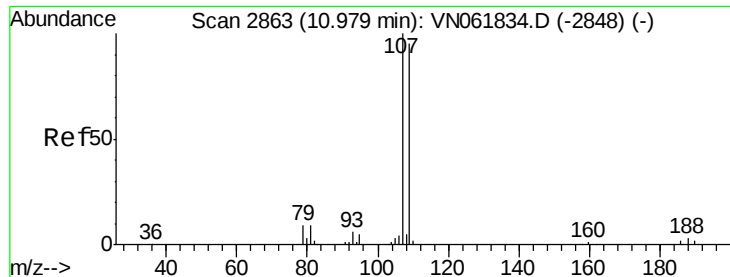
Tot Ion: 43 Resp: 1295402
Ion Ratio Lower Upper
43 100
58 59.4 30.1 90.5



#60
Dibromochloromethane
Concen: 153.961 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 129 Resp: 353941
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

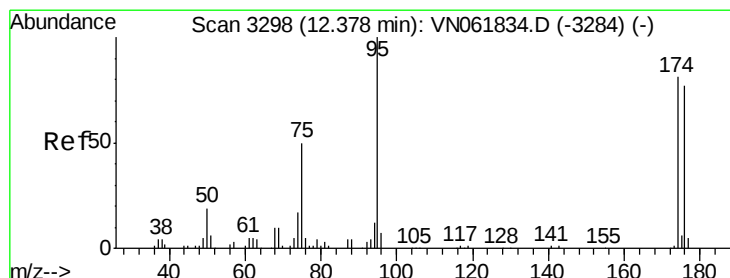
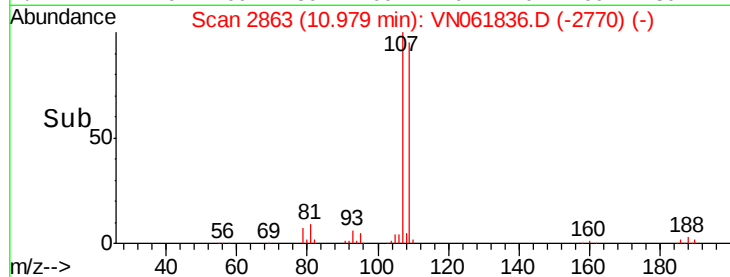
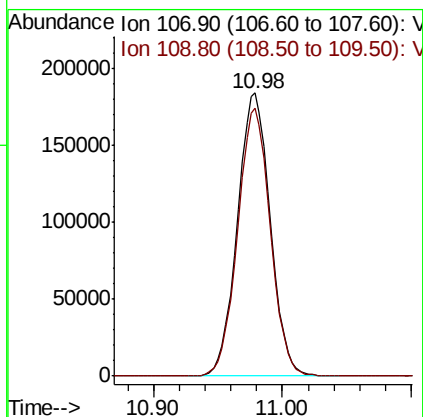
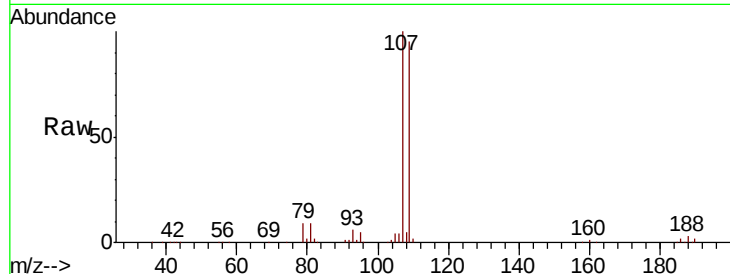




#61
 1,2-Dibromoethane
 Concen: 153.373 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

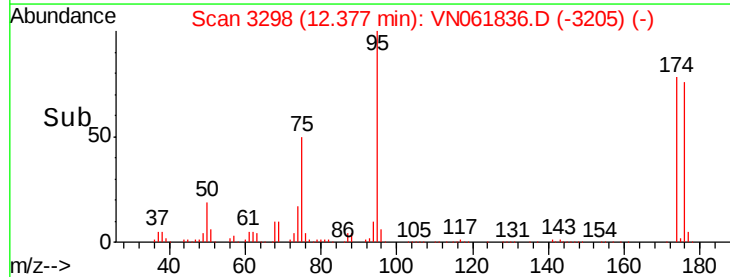
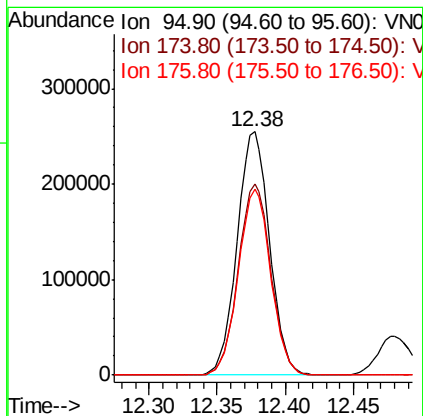
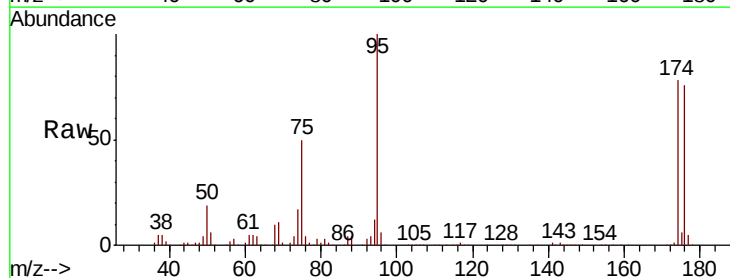
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

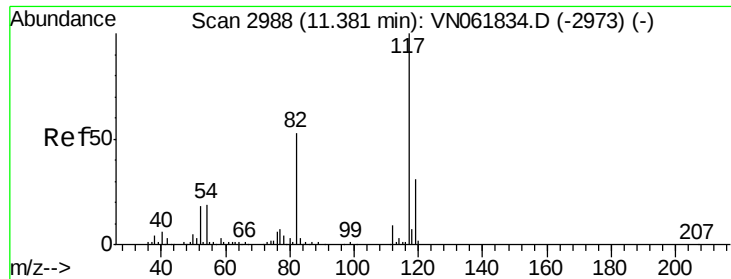
Tot Ion: 107 Resp: 325623
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 171.531 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion: 95 Resp: 420802
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 158.6
 176 76.2 0.0 152.0

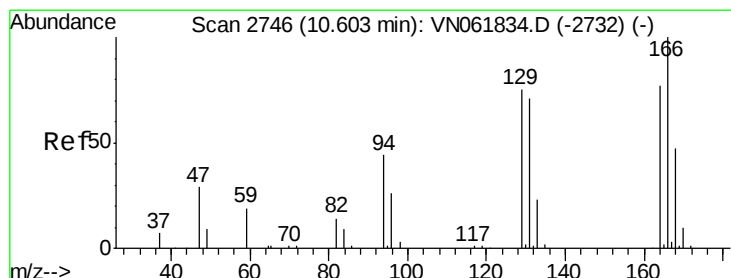
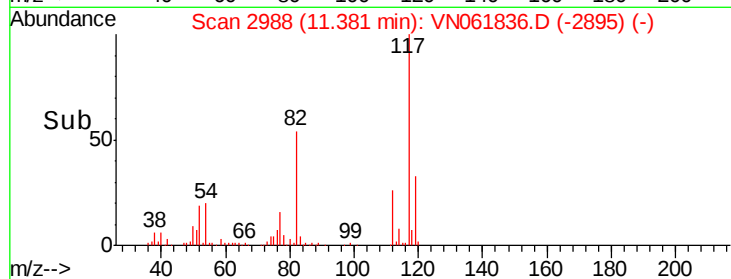
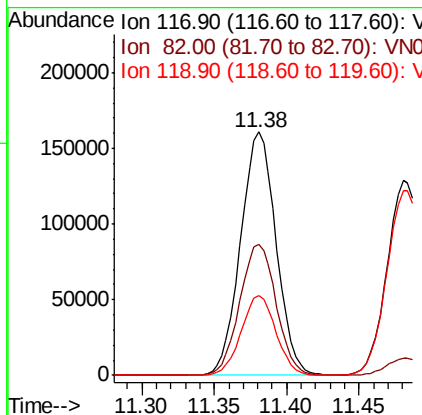
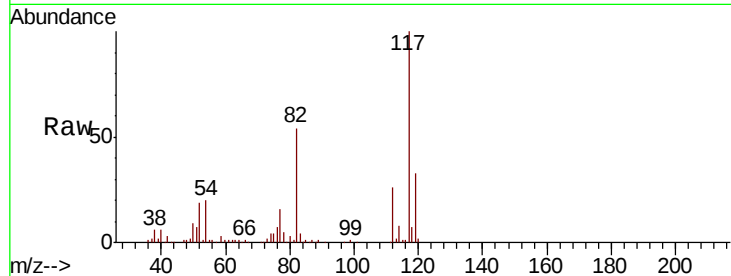




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

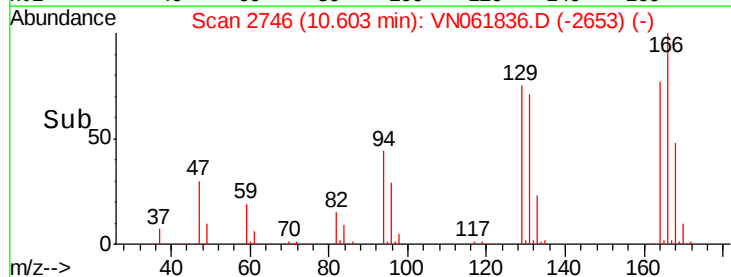
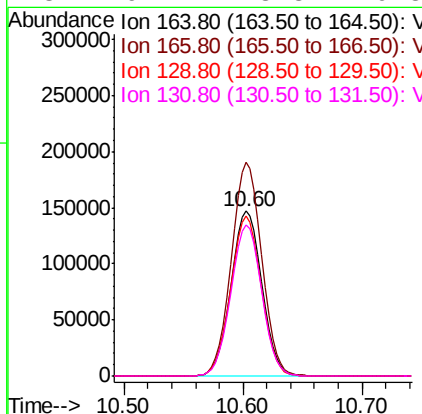
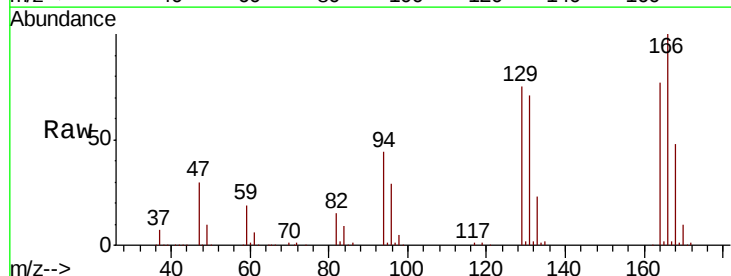
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

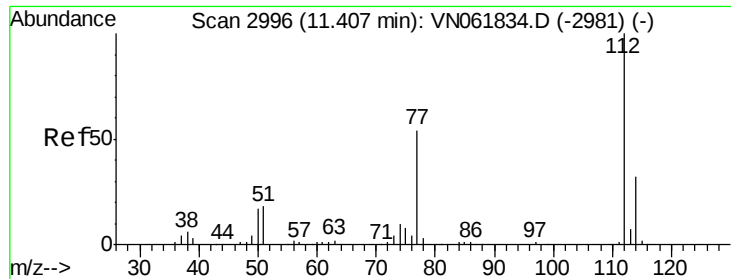
Tot Ion:117 Resp: 274592
Ion Ratio Lower Upper
117 100
82 53.8 42.6 64.0
119 32.5 24.7 37.1



#64
Tetrachloroethene
Concen: 107.650 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion:164 Resp: 264492
Ion Ratio Lower Upper
164 100
166 129.7 103.5 155.3
129 97.0 77.5 116.3
131 92.1 73.8 110.8

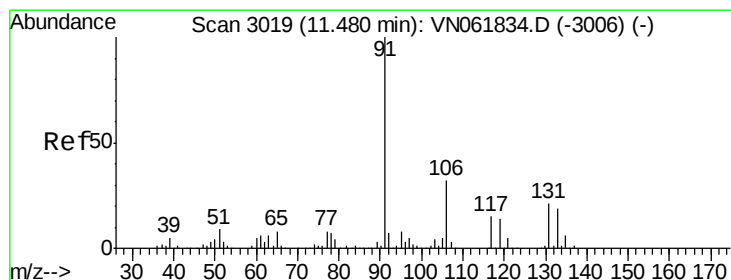
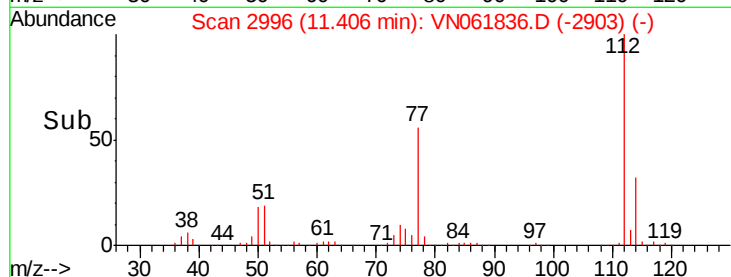
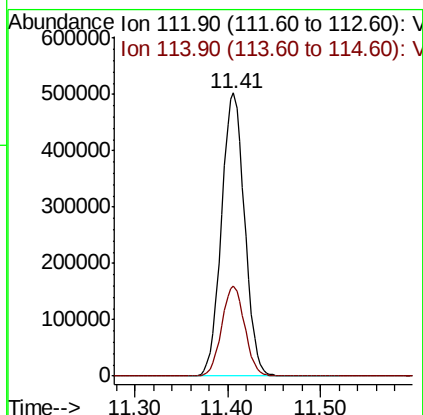
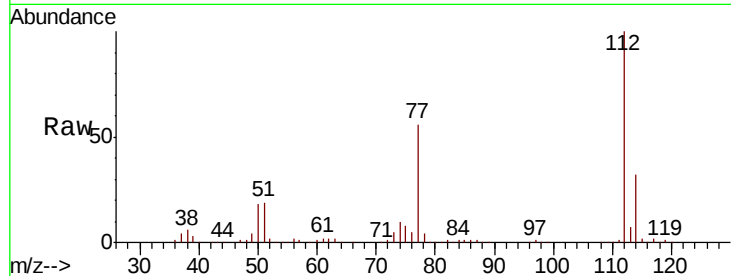




#65
Chlorobenzene
Concen: 151.773 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

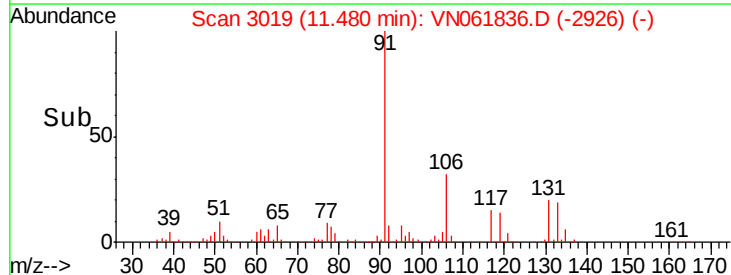
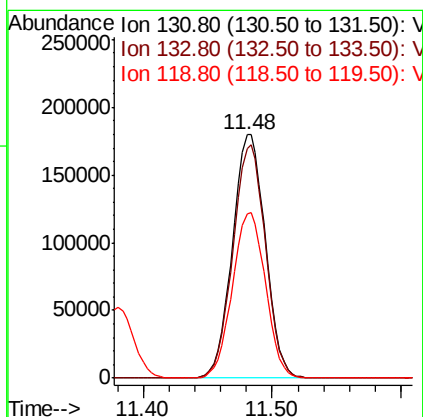
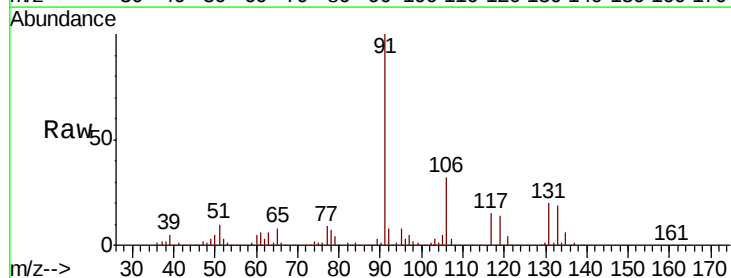
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

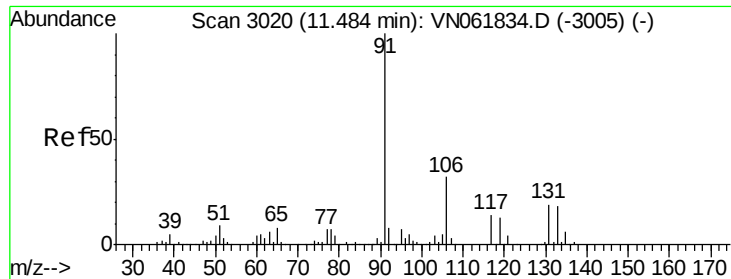
Tot Ion:112 Resp: 869198
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 150.293 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion:131 Resp: 318564
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 68.3 34.0 101.8

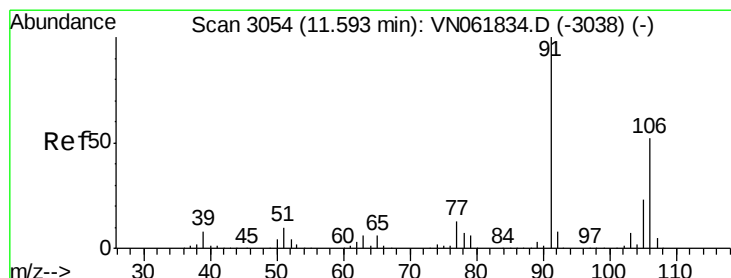
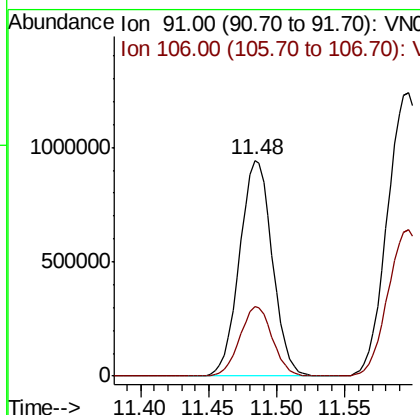
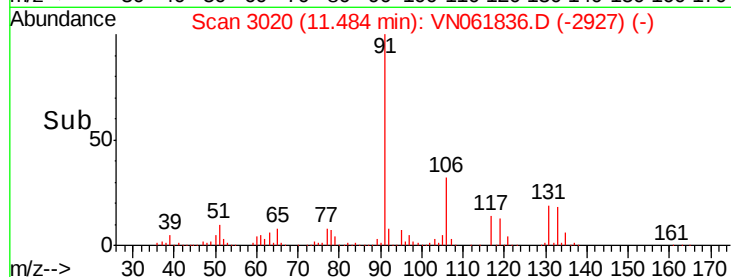
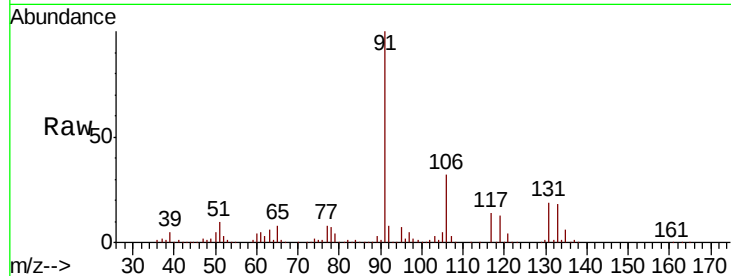




#67
Ethyl Benzene
Concen: 158.600 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

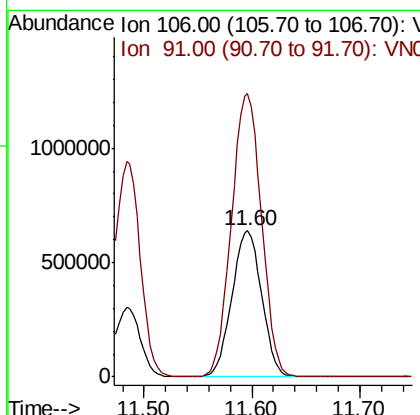
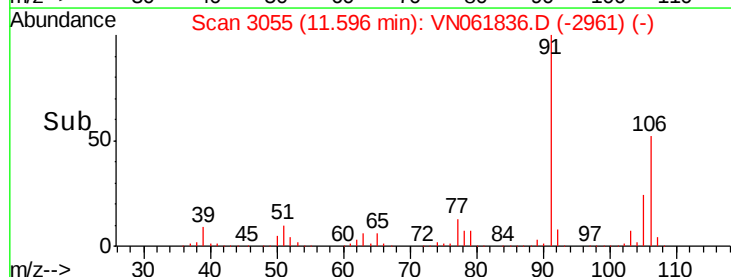
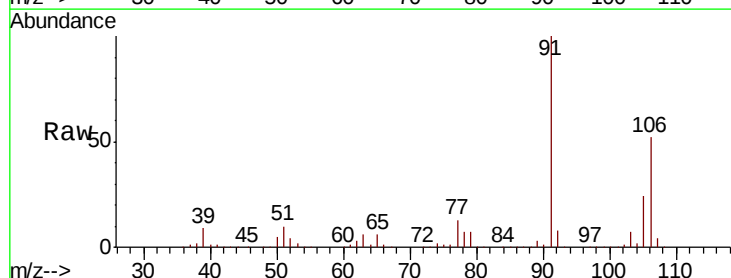
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

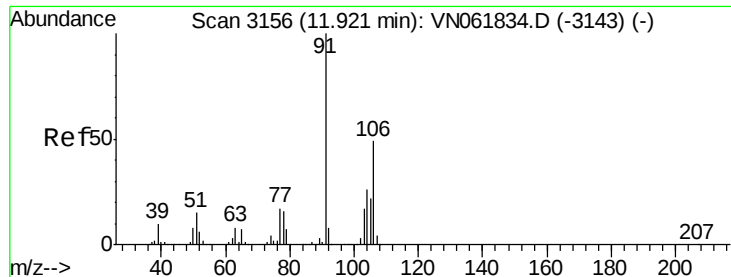
Tot Ion: 91 Resp: 1573043
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 312.651 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 106 Resp: 1225234
Ion Ratio Lower Upper
106 100
91 195.7 157.0 235.6

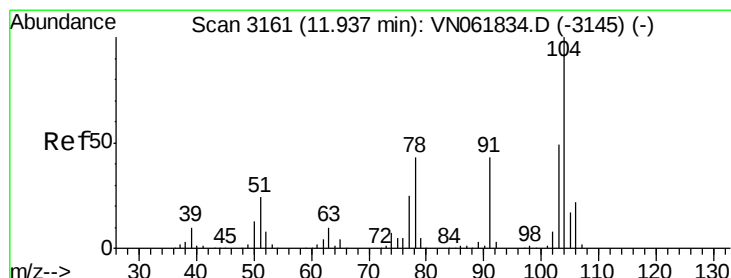
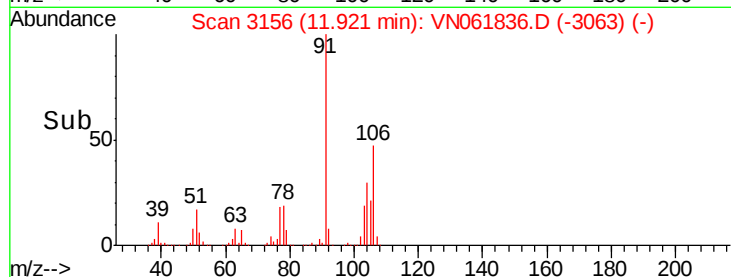
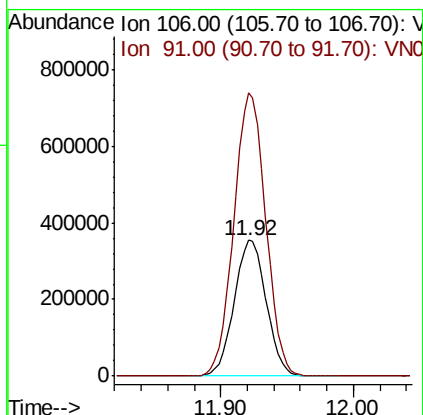
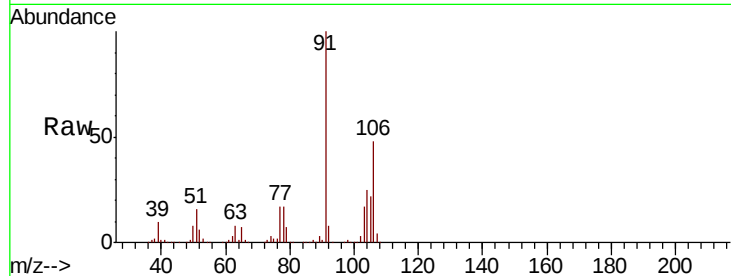




#69
o-Xylene
Concen: 159.044 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

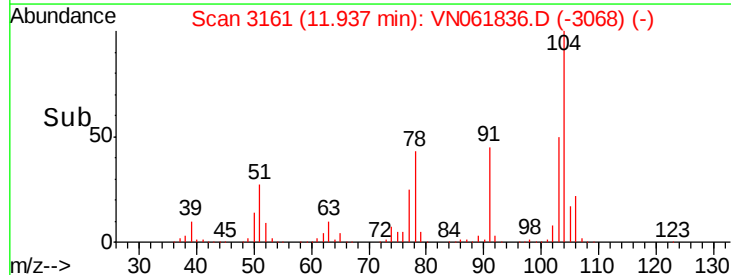
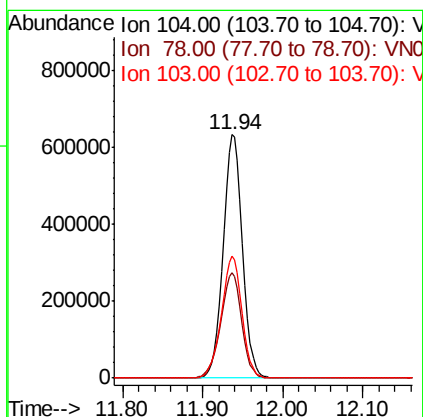
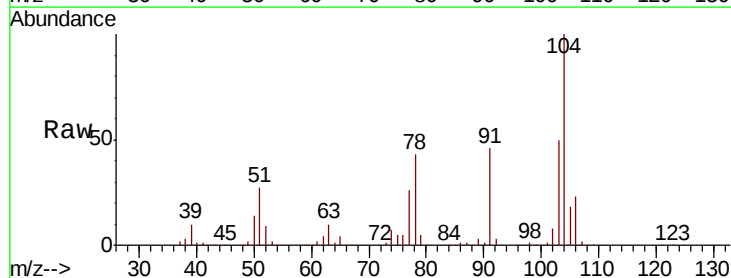
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

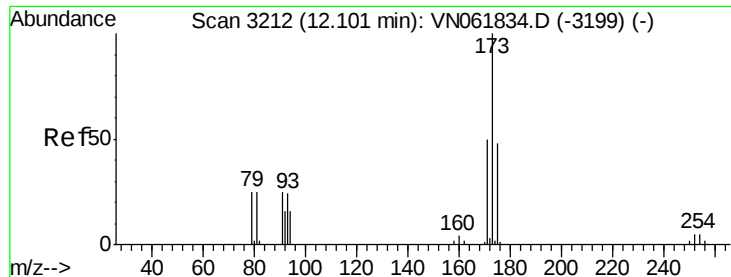
Tot Ion:106 Resp: 592718
Ion Ratio Lower Upper
106 100
91 208.0 103.0 308.9



#70
Styrene
Concen: 170.368 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion:104 Resp: 1052560
Ion Ratio Lower Upper
104 100
78 47.4 37.6 56.4
103 53.5 43.0 64.4





#71

Bromoform

Concen: 154.085 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

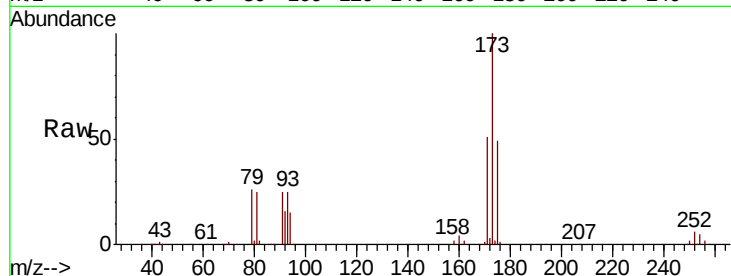
Tot Ion:173 Resp: 248896

Ion Ratio Lower Upper

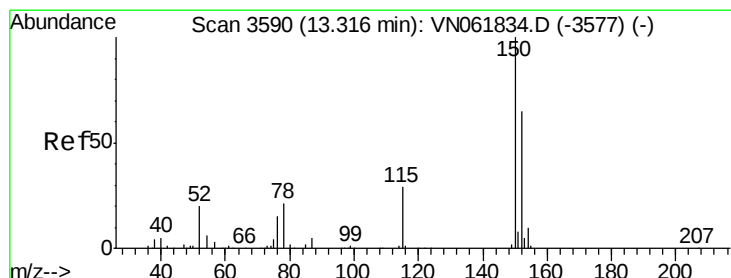
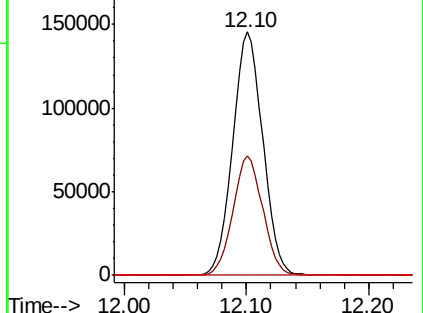
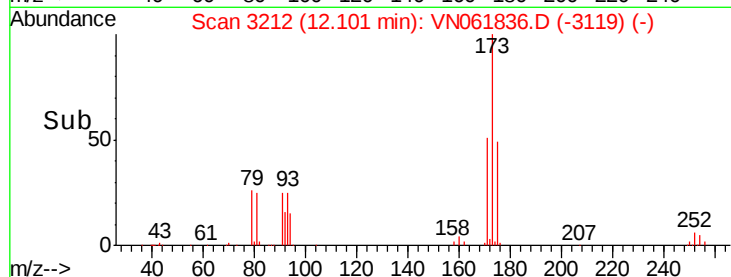
173 100

175 48.4 23.9 71.7

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
200000
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# 3591

Delta R.T. 0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

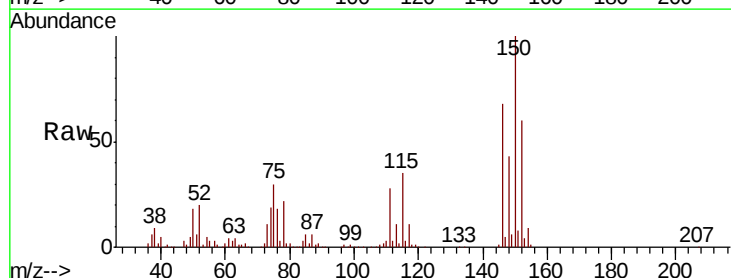
Tgt Ion:152 Resp: 141655

Ion Ratio Lower Upper

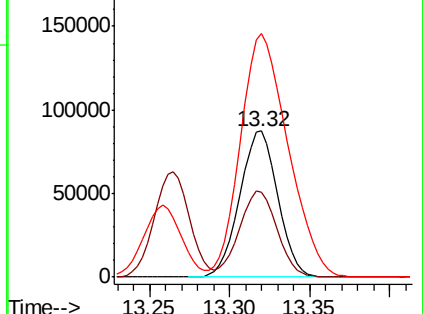
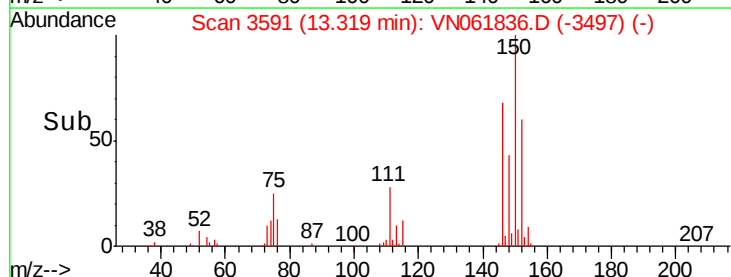
152 100

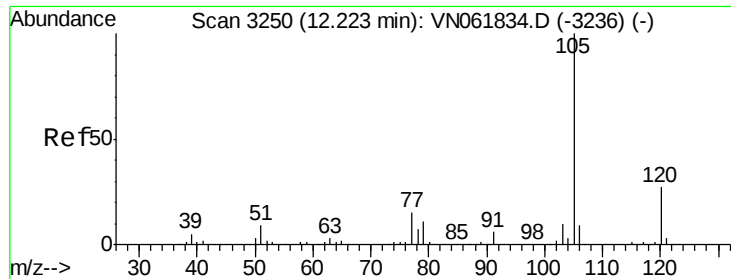
115 58.4 29.1 87.3

150 209.8 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
200000
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 149.444 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

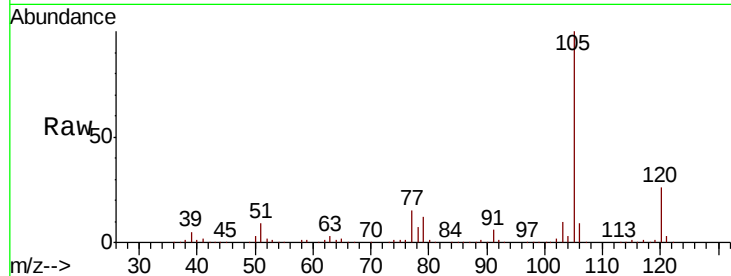
VSTDIC150

Tot Ion:105 Resp: 155545

Ion Ratio Lower Upper

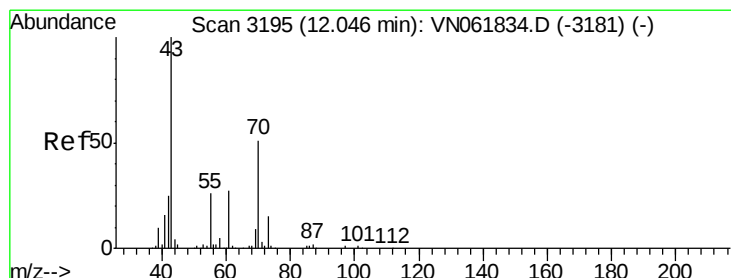
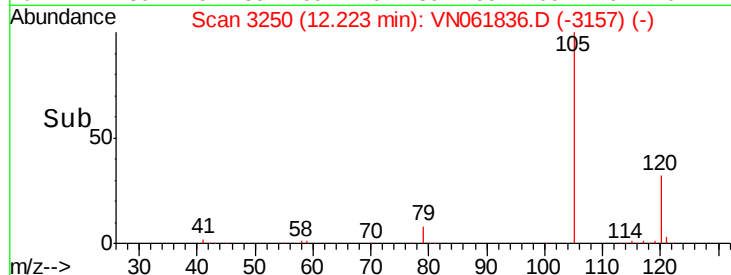
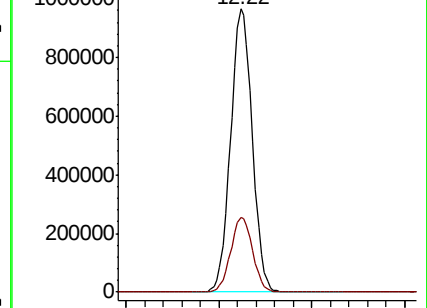
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 178.903 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Tgt Ion: 43 Resp: 587046

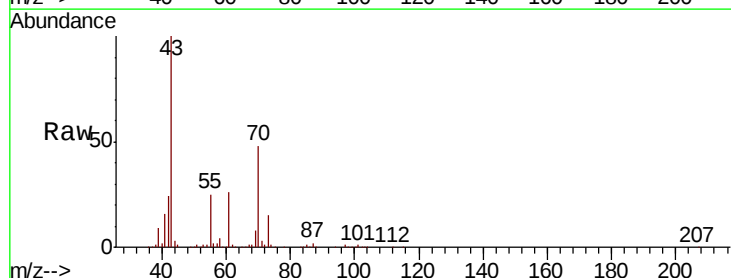
Ion Ratio Lower Upper

43 100

70 48.4 40.6 60.8

55 24.7 21.5 32.3

61 25.8 21.6 32.4

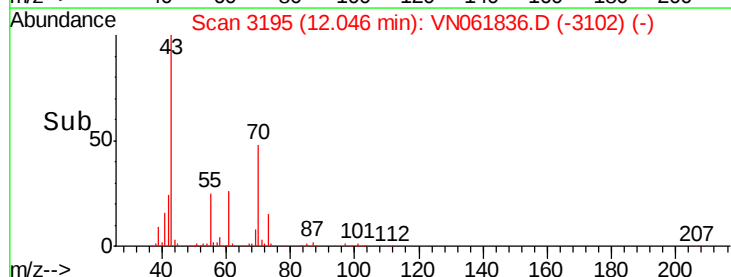
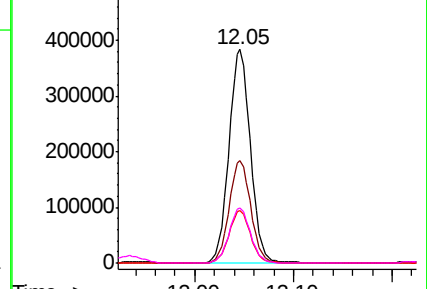


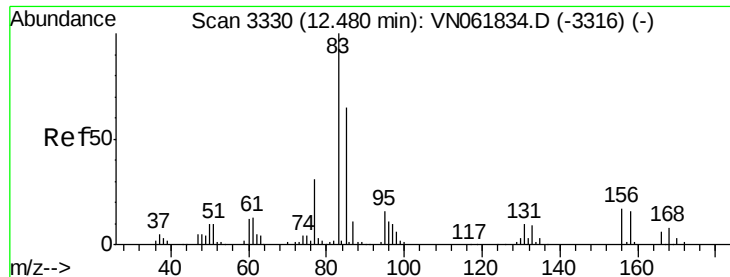
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

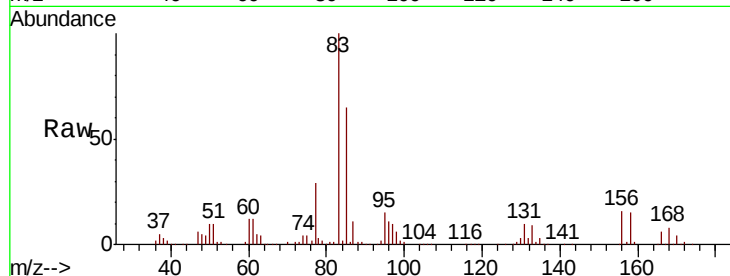




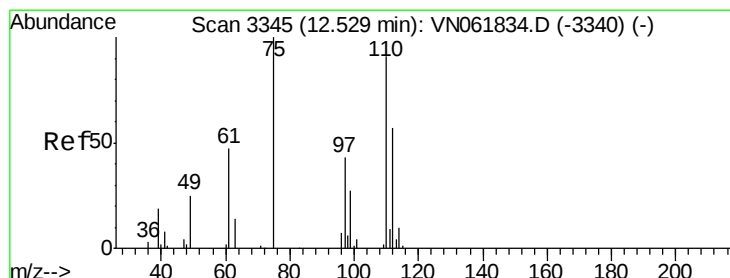
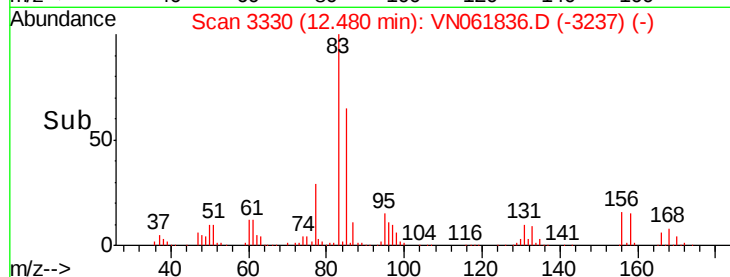
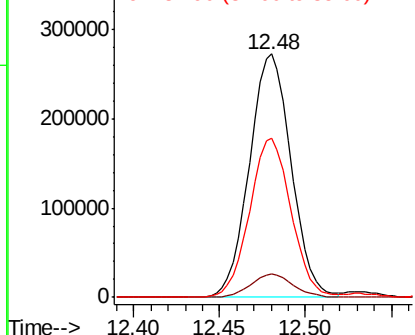
#75
 1,1,2,2-Tetrachloroethane
 Concen: 154.909 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	83	Resp	458829
Ion Ratio	100	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	64.8	32.4	97.2

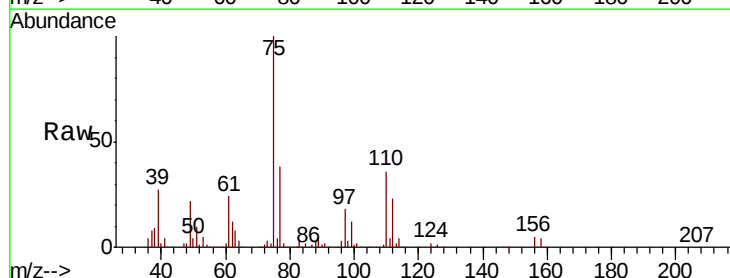


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VN0

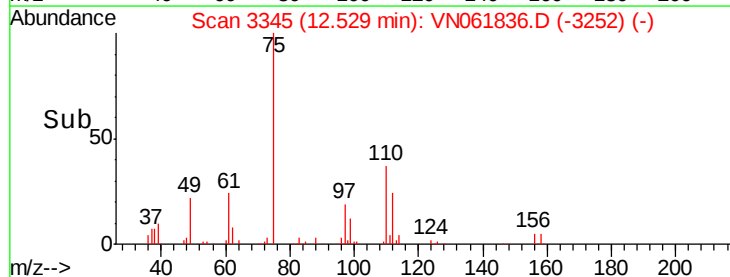
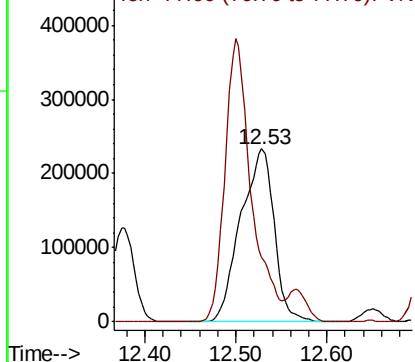


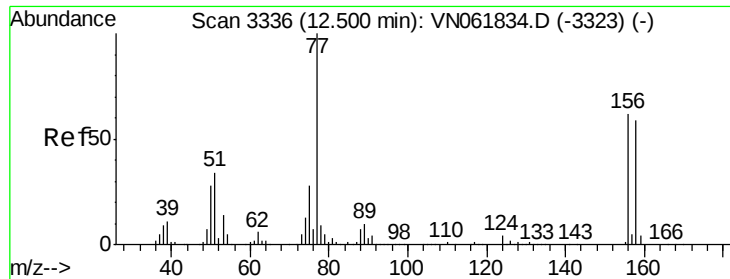
#76
 1,2,3-Trichloropropane
 Concen: 228.767 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion	75	Resp	596350
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 77.00 (76.70 to 77.70): VN0

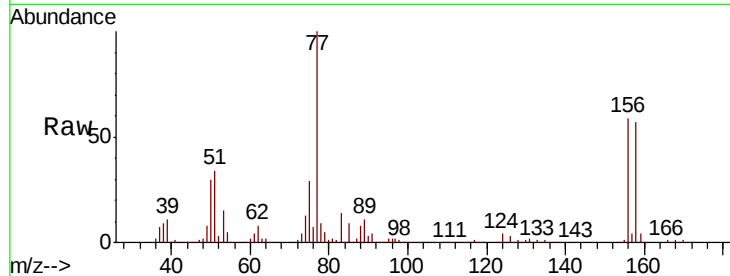




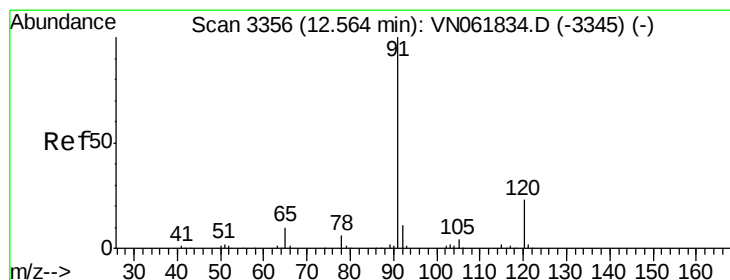
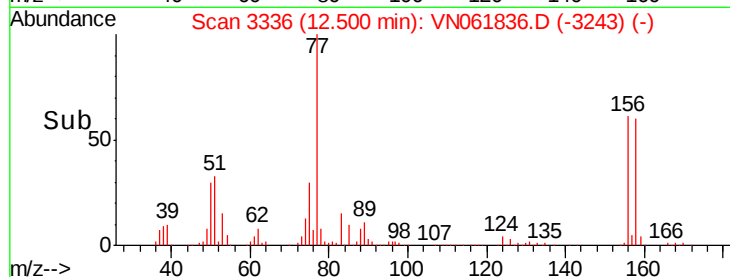
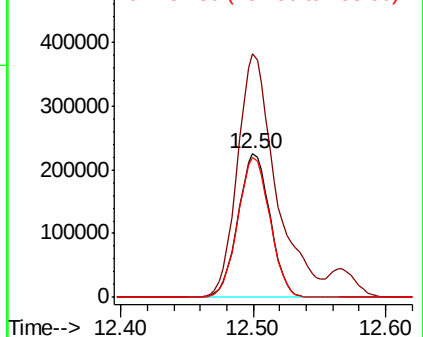
#77
Bromobenzene
Concen: 143.936 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:156 Resp: 378850
Ion Ratio Lower Upper
156 100
77 202.8 100.7 302.1
158 97.6 48.5 145.5

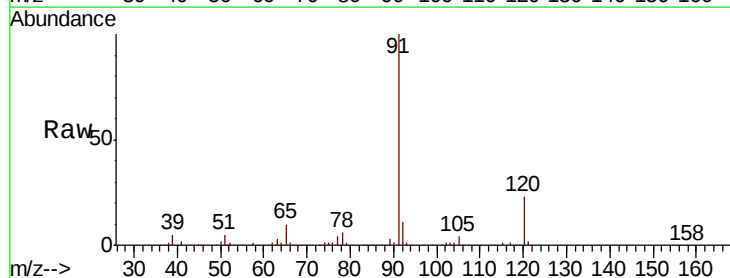


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

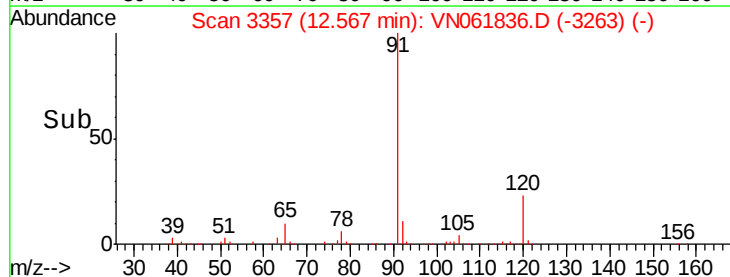
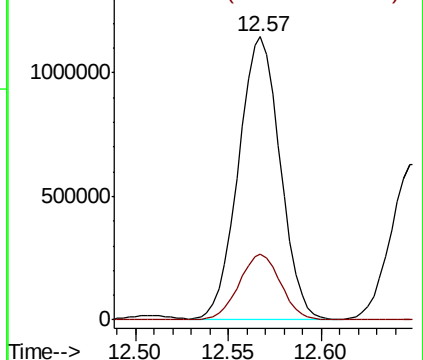


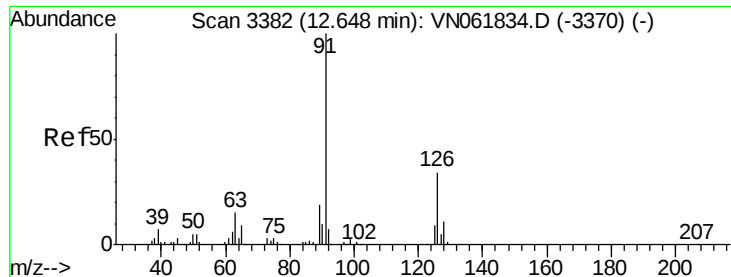
#78
n-propylbenzene
Concen: 153.240 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion: 91 Resp: 1784489
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

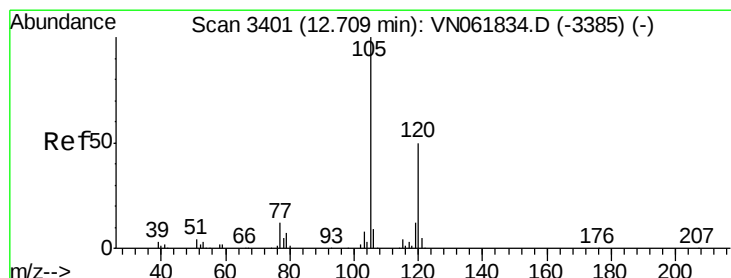
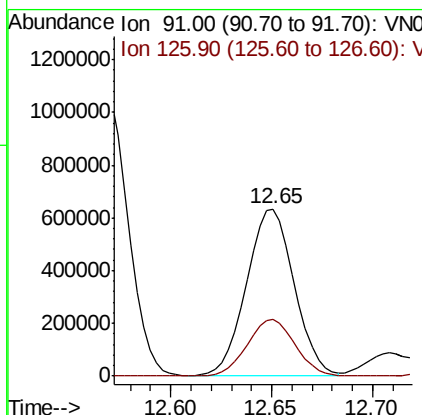
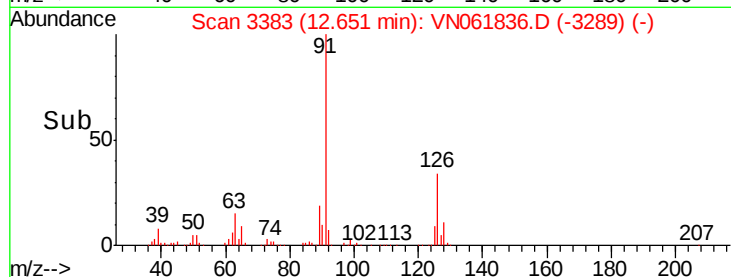
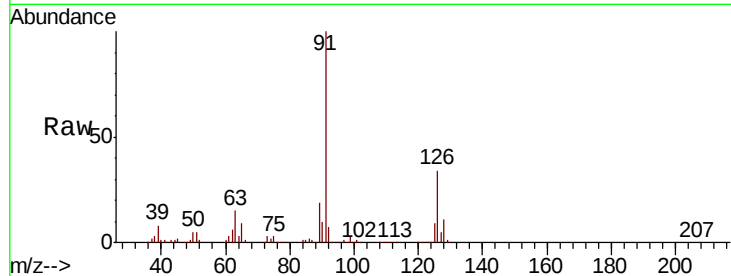




#79
 2-Chlorotoluene
 Concen: 150.555 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

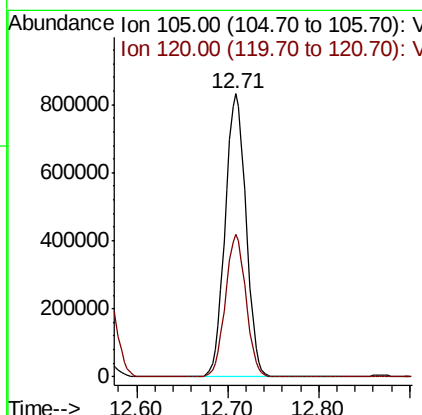
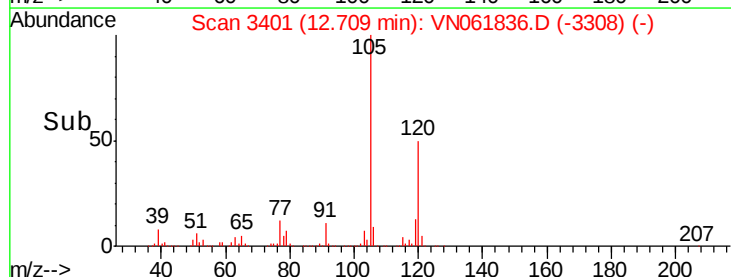
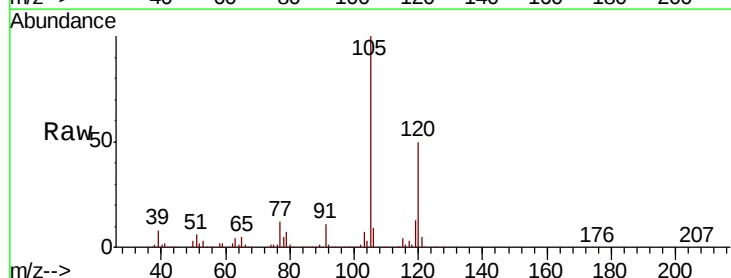
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

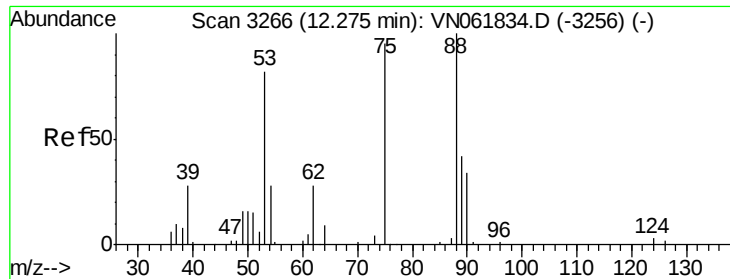
Tot Ion: 91 Resp: 1045025
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 152.257 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion: 105 Resp: 1322644
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 164.563 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

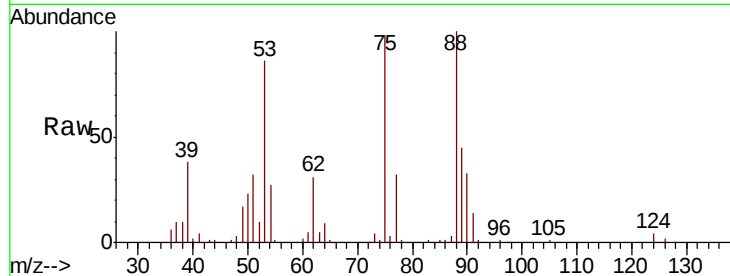
Tot Ion: 75 Resp: 166627

Ion Ratio Lower Upper

75 100

53 88.8 70.4 105.6

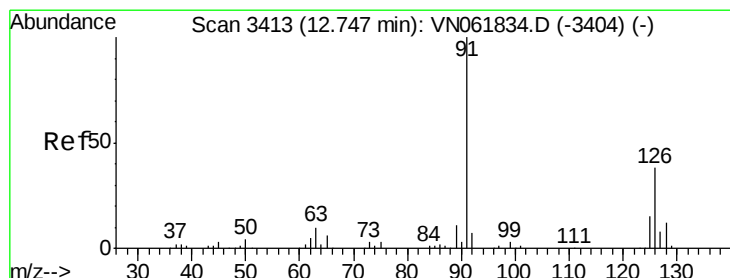
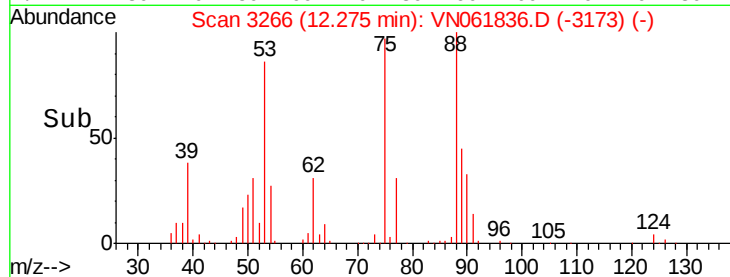
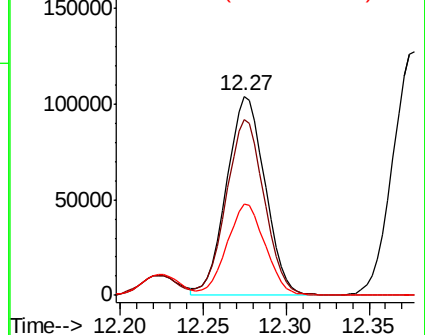
89 45.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 155.009 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061836.D

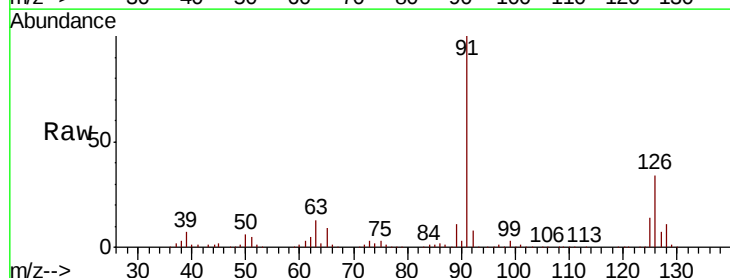
Acq: 16 Jun 2020 19:25

Tgt Ion: 91 Resp: 1130214

Ion Ratio Lower Upper

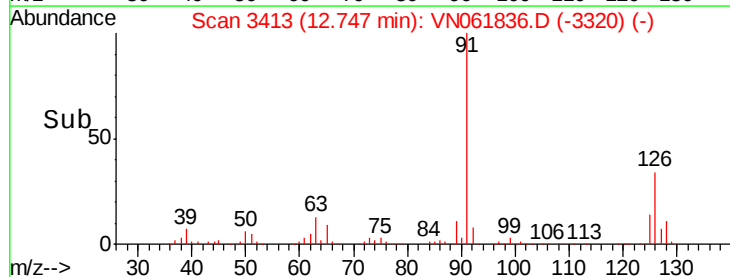
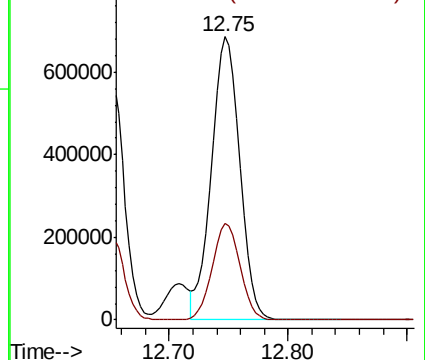
91 100

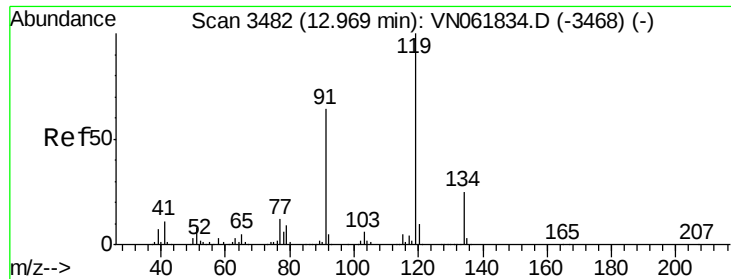
126 33.6 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

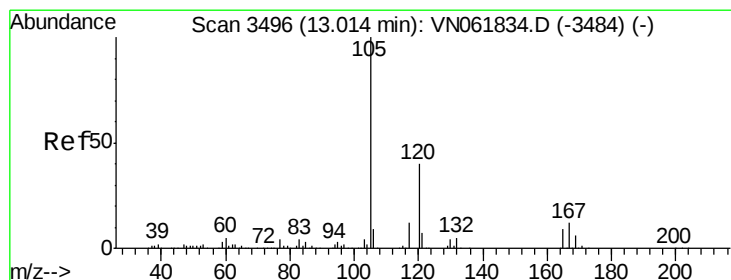
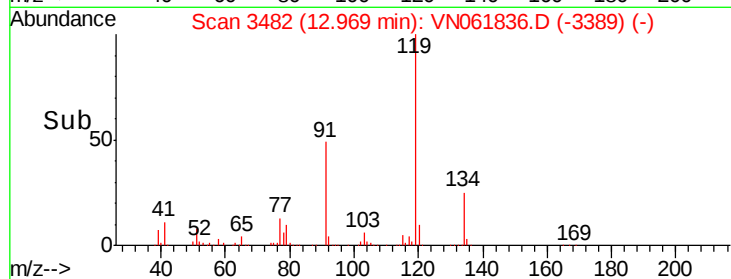
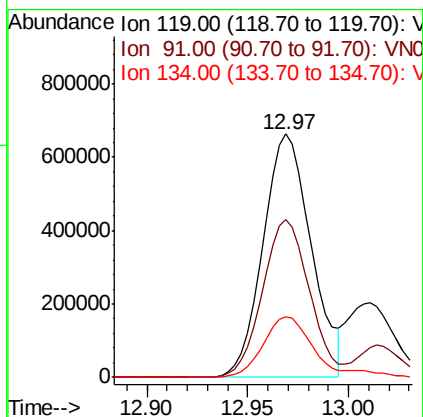
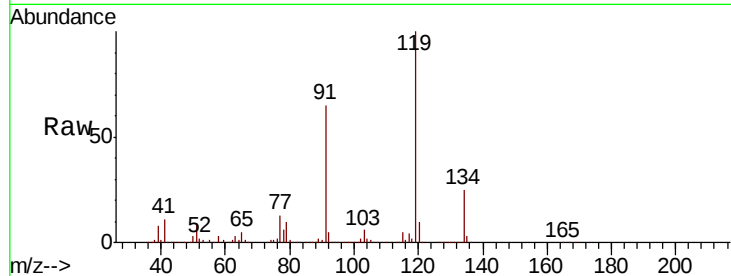




#83
tert-Butylbenzene
Concen: 144.148 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

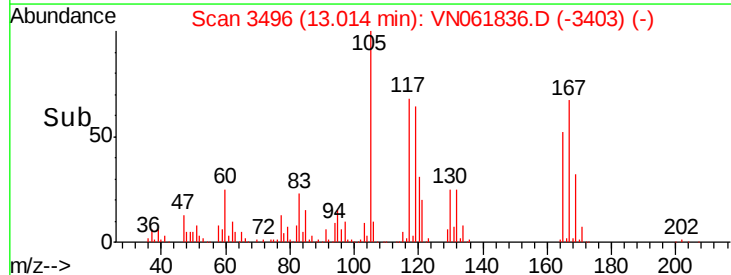
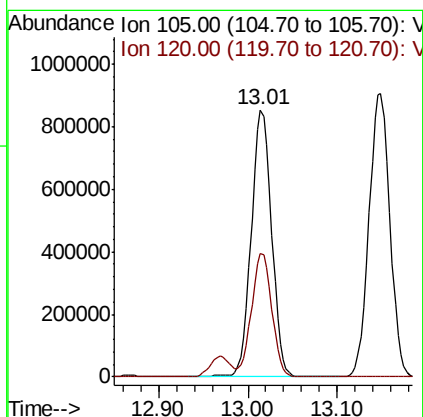
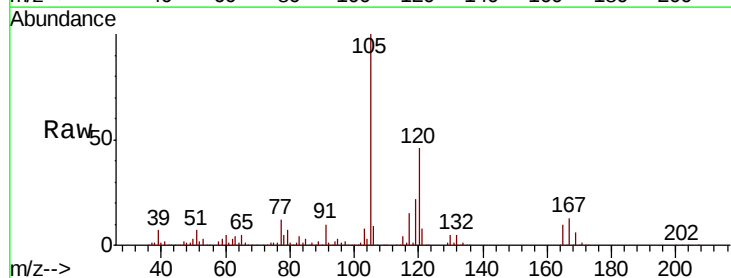
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

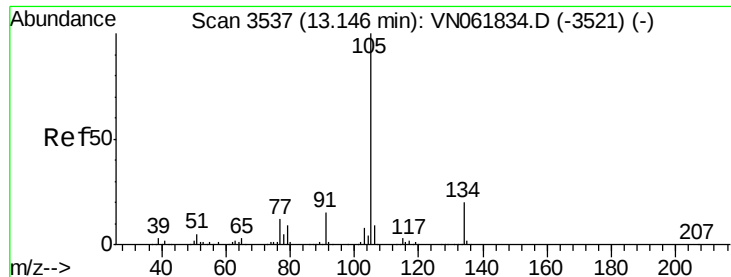
Tot Ion:119 Resp: 1101032
Ion Ratio Lower Upper
119 100
91 63.3 31.5 94.5
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 156.642 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061836.D
Acq: 16 Jun 2020 19:25

Tgt Ion:105 Resp: 1351776
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.9





#85

sec-Butylbenzene

Concen: 148.601 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

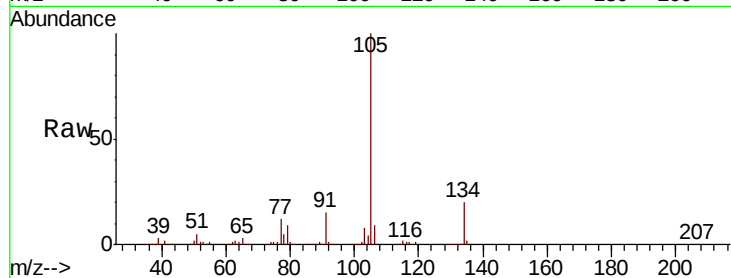
VSTDIC150

Tot Ion:105 Resp: 1463242

Ion Ratio Lower Upper

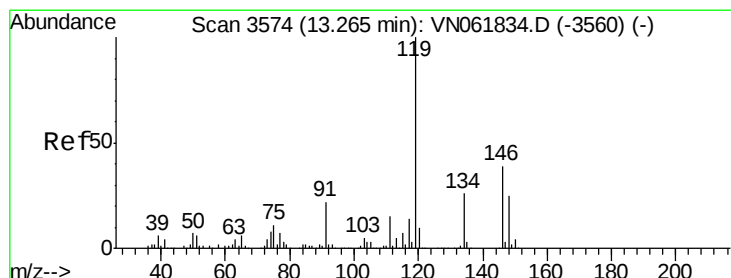
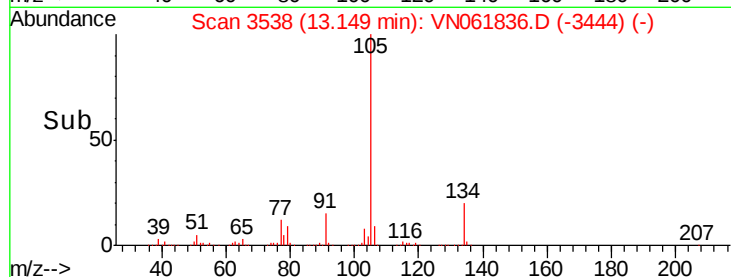
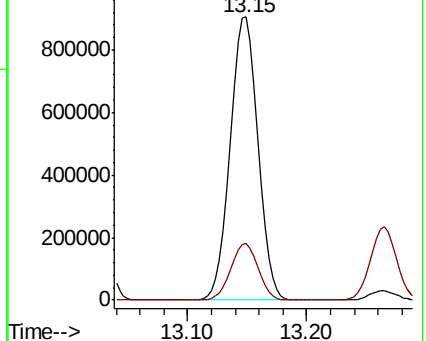
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 150.523 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

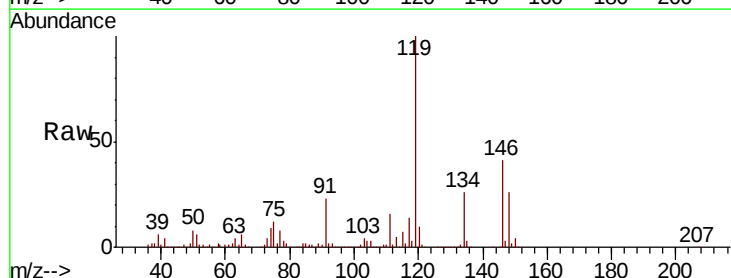
Tgt Ion:119 Resp: 1361091

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

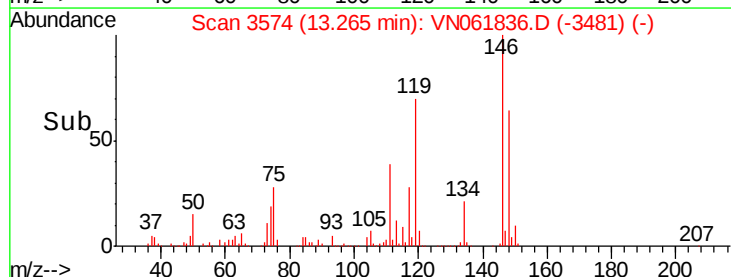
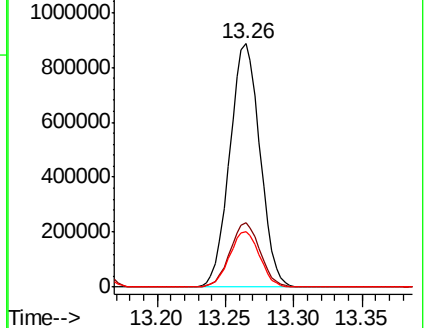
91 22.8 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

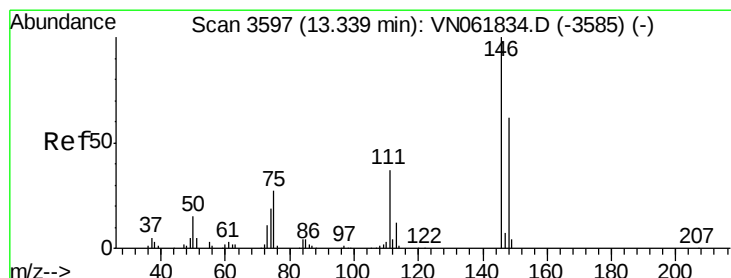
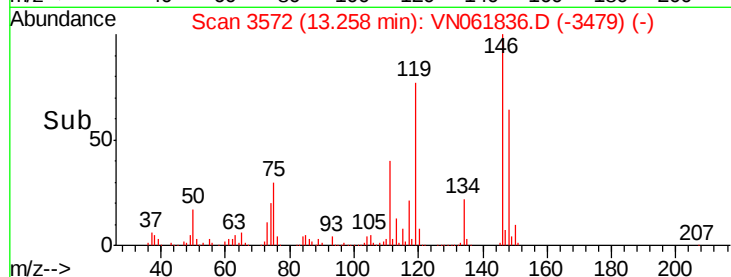
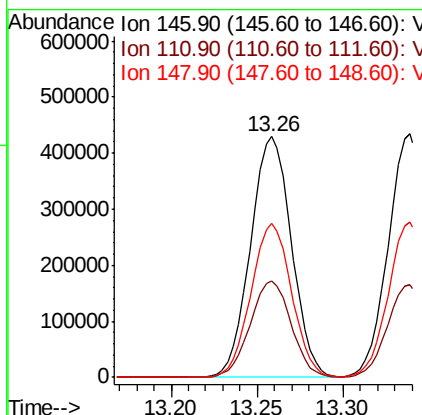
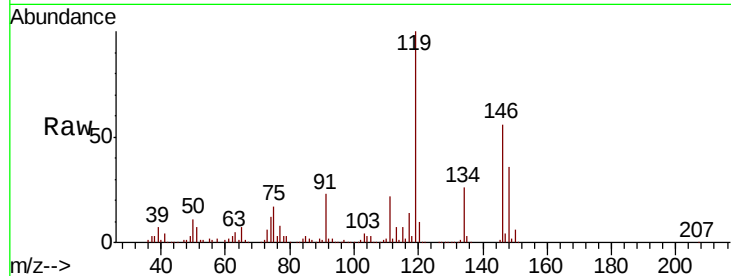




#87
 1,3-Dichlorobenzene
 Concen: 151.271 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

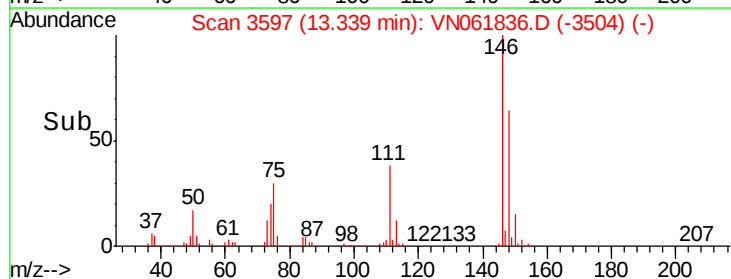
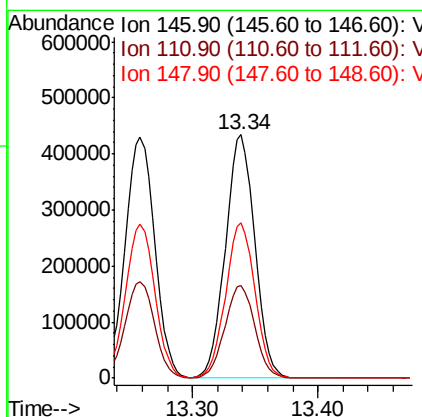
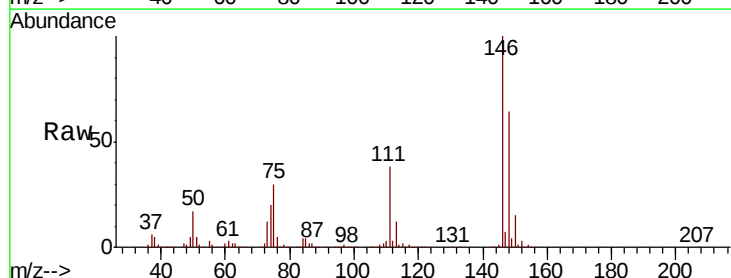
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

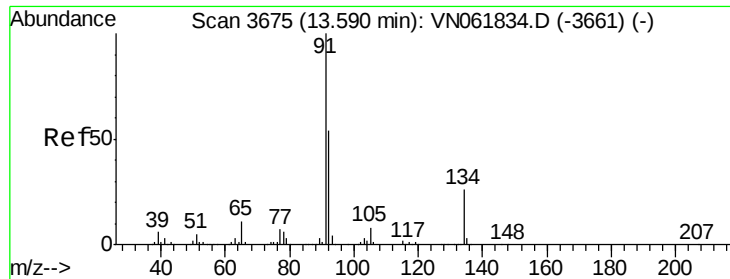
Tot Ion:146 Resp: 710093
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.8
 148 63.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 147.477 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion:146 Resp: 704421
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.8
 148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 154.109 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

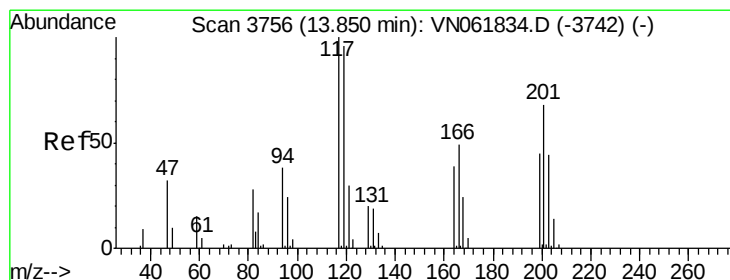
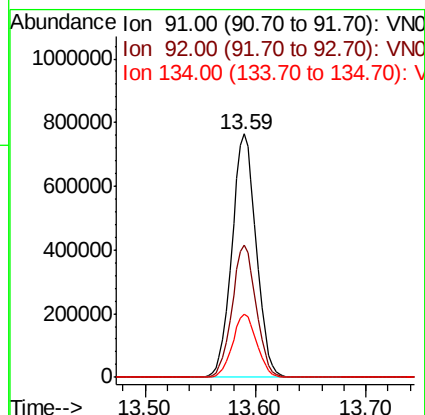
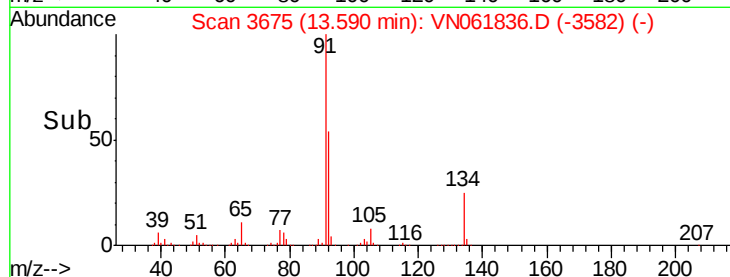
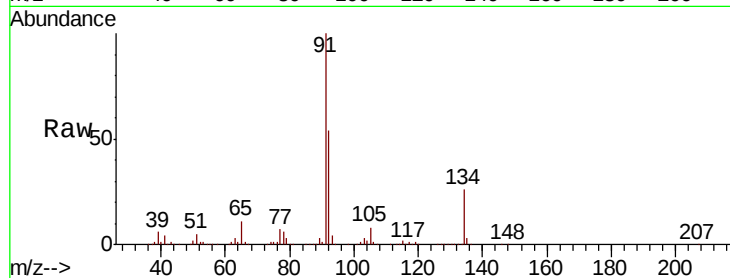
Tot Ion: 91 Resp: 1163768

Ion Ratio Lower Upper

91 100

92 53.8 27.0 80.8

134 25.9 13.0 39.0



#90

Hexachloroethane

Concen: 220.598 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061836.D

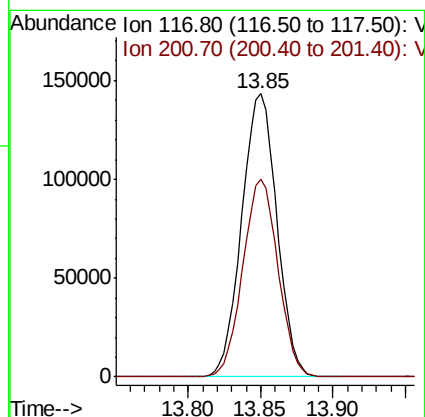
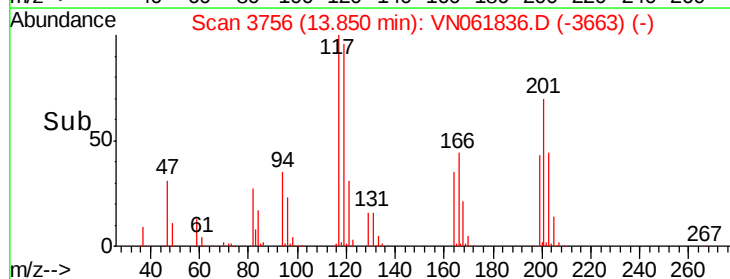
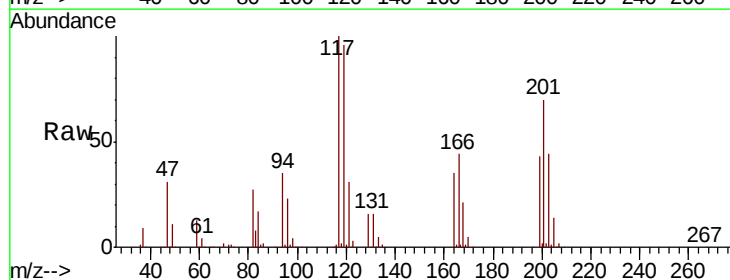
Acq: 16 Jun 2020 19:25

Tgt Ion: 117 Resp: 242314

Ion Ratio Lower Upper

117 100

201 69.8 34.6 103.8

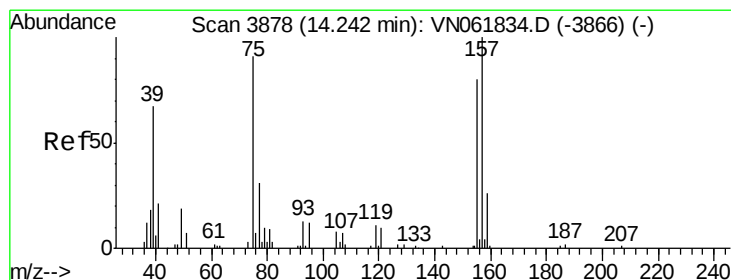
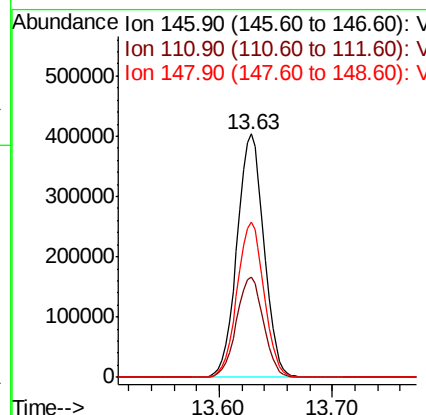
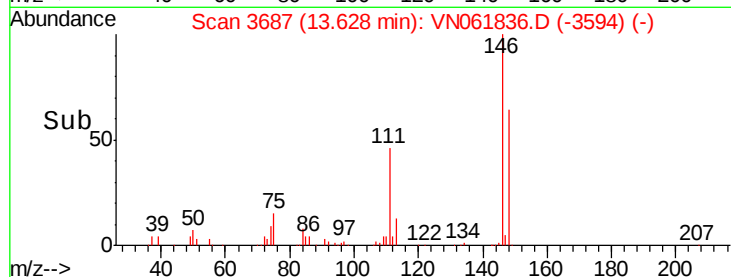
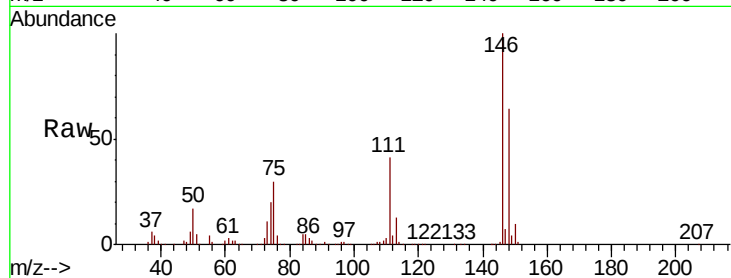




#91
 1,2-Dichlorobenzene
 Concen: 148.607 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

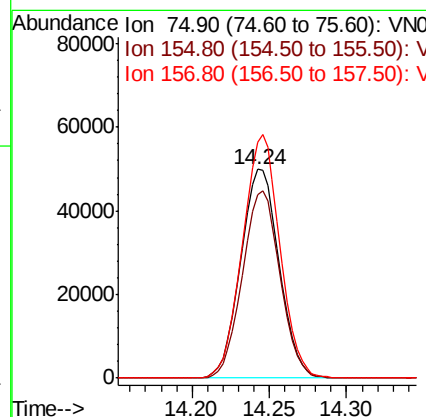
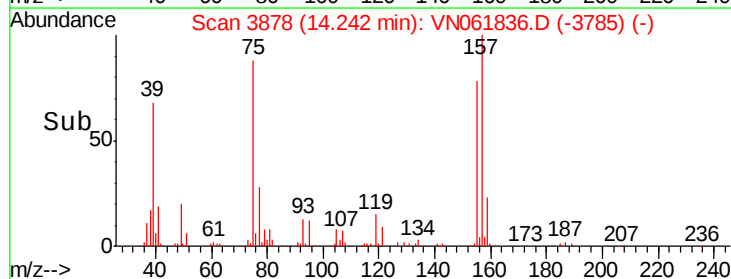
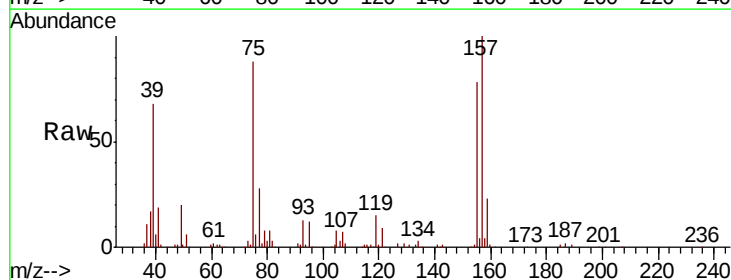
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

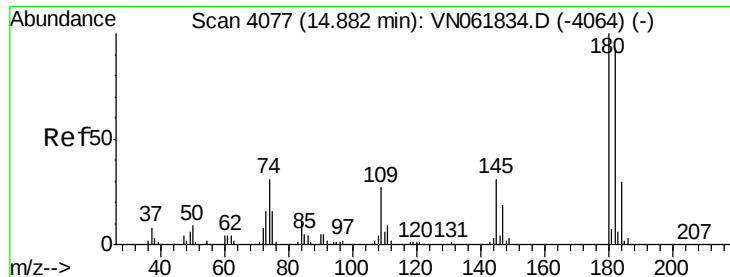
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.2
148	63.8	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 146.674 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	44.4	133.2
157	113.1	57.0	171.2

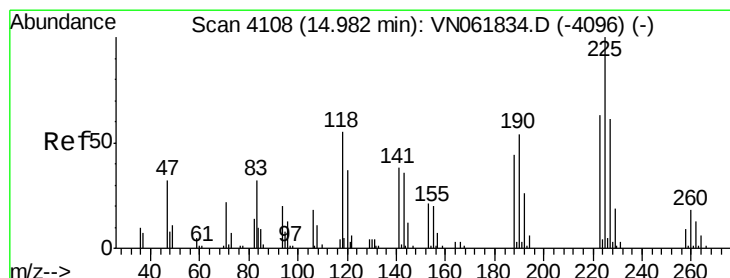
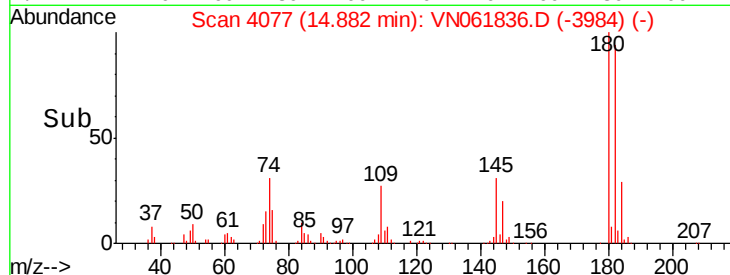
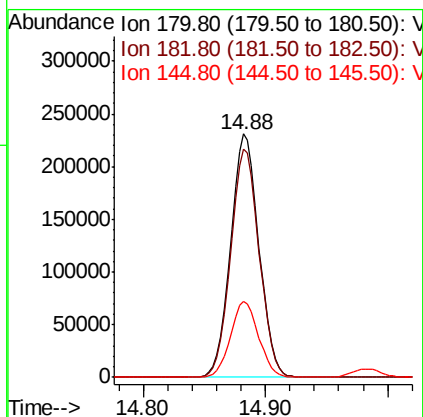
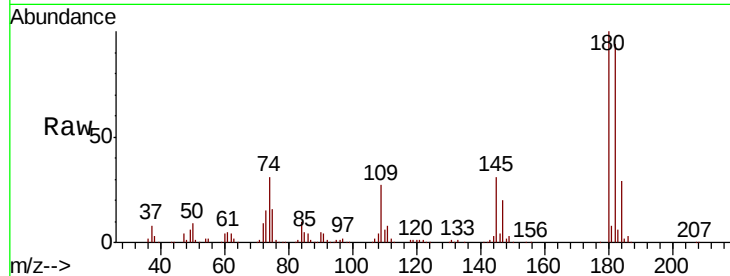




#93
 1,2,4-Trichlorobenzene
 Concen: 146.372 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

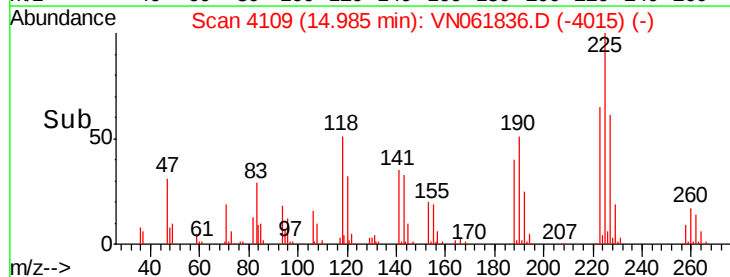
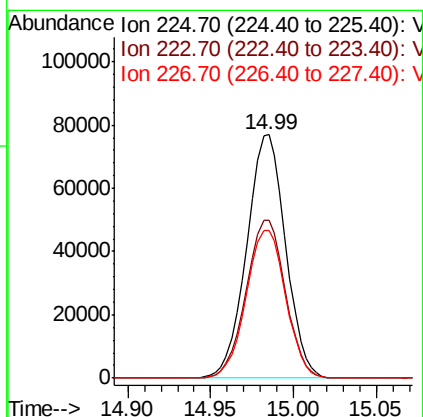
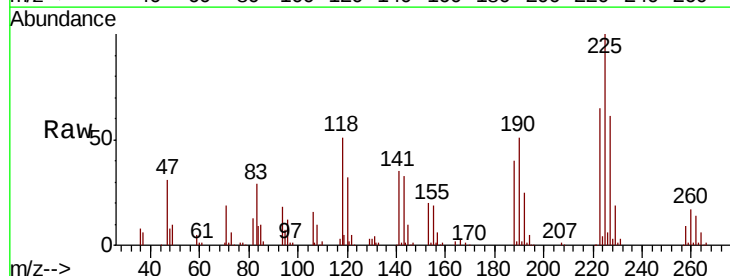
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

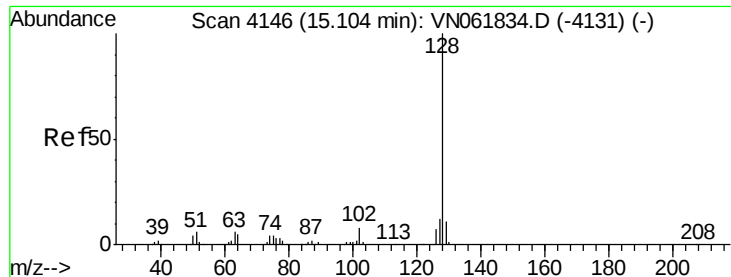
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.2
145	31.0	15.8	47.3



#94
 Hexachlorobutadiene
 Concen: 115.841 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061836.D
 Acq: 16 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.7	95.1
227	61.8	30.1	90.3





#95

Naphthalene

Concen: 148.772 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

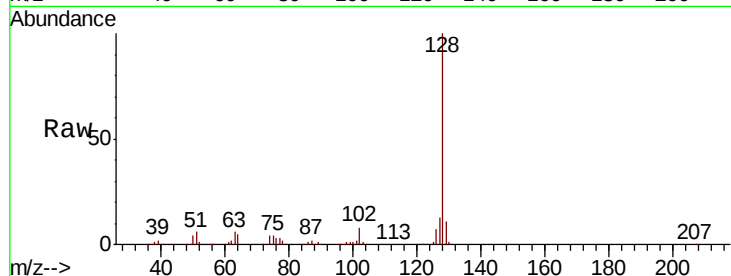
Tot Ion:128 Resp: 1136693

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

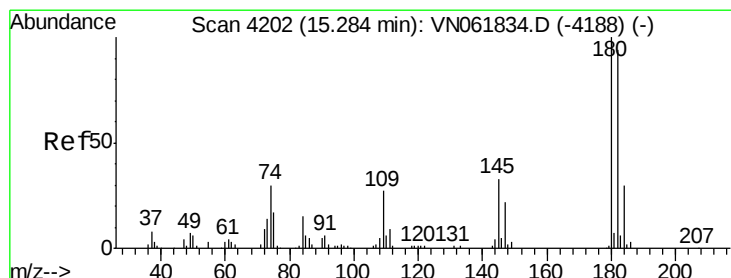
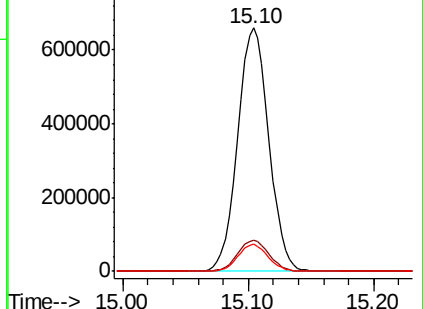
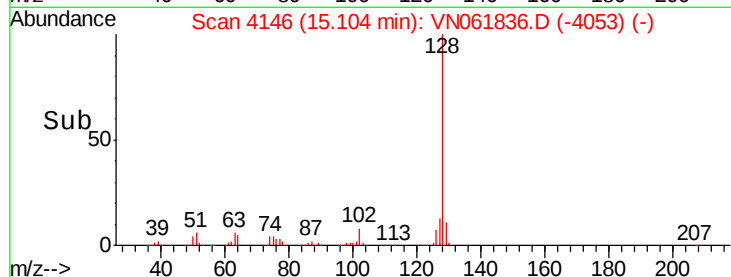
129 10.8 8.6 13.0



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: 144.736 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061836.D

Acq: 16 Jun 2020 19:25

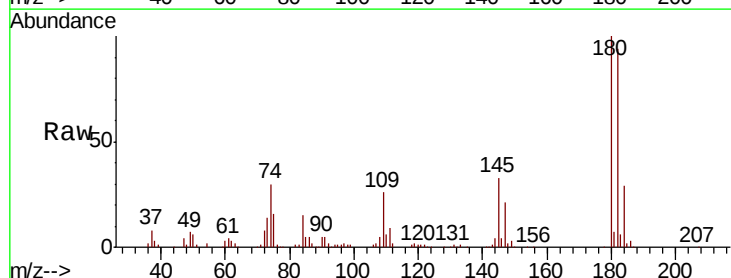
Tgt Ion:180 Resp: 361760

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.6

145 32.6 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

